



*Founded 1947*

QUARTER CENTURY WIRELESS ASSOCIA  
1409 Cooper Drive  
Irving, TX 75061



## PRINTED MATTER

FORWARDING POSTAGE GUARANTEED

# QCWA NEWS

SUMMER, 1979

VOLUME 28

No. 2

Licensee was Charles Fertick, 8AIB, later W8BQT. Housed in a backyard shack at 62 Vincent St., Dayton, OH. Funds pooled and operated by:

Robert Baird, W9NN; Allen Apple, K4ILX;  
Clinton Petry, W8AWN (SK) Charles Fertick, 8AIB (SK)

1 kW spark, Benwood gap, "Coffin Transformer", 2ft O.T. 40-plate condenser immersed in oil, 1/2" glass plates. Best DX was a United Fruit boat off Brazil in late 1920, signing 'DZ'...Took til 1952 59 confirm this when W9NN worked VP1AA, Belize, who confessed being the op at 'DZ' Antenna was a 60 ft L, 4" OT coupling running 5½ A.

CW was a pair of 50 watt RCA, large chemical rectifier. Resistance wire on asbestos to drop filament voltage. RX w variometers and a coupler with series cond in rcvg ant. Double filament audiontron & two VT2's as amplifier. Ground system was an acre of copper ribbon obtained from old Dayton streetcar field coils. Each Op had his own key!

We two remaining Op's K4ILX and W9NN would love to hear from some of our QCWA members that used to work us on spark!

-Bob, W9NN-

QCWA INTERNATIONAL

QCWA INTERNATIONAL

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RADIO NETWORKS

SUNDAYS:

2000 UTC

21,445 kHz

NCS: W2SF, W6FQ

W2CVF.

WEDNESDAYS:

8:00 PM EST

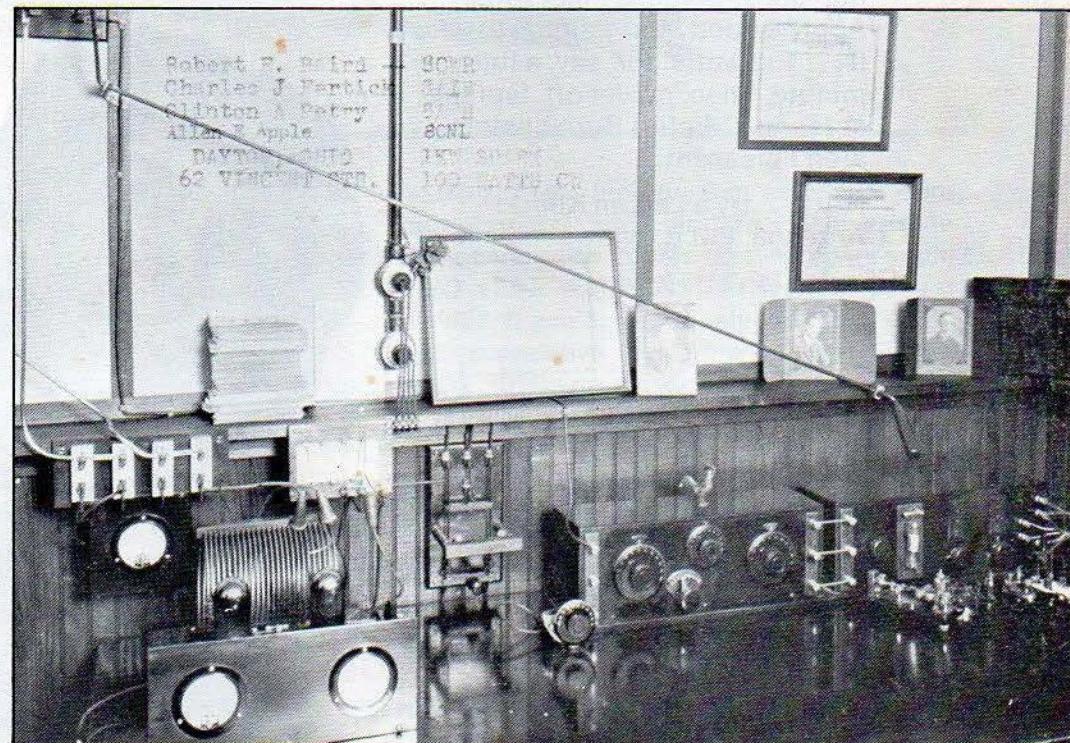
7035 kHz

9:00 PM EST

3750 kHz

NCS: W2JBL, W9RC

W9CV.



The picture above, furnished by Bob Baird, W9NN, is the QCWA winner for the Summer NEWS, winning the prize. How about your pictures, send them to Headquarters.....

# Larsen

## the coolest antenna in town gives you the hottest performance!

Since the first Larsen Antenna was introduced some 15 years ago, this basic fact has not changed: **Larsen Mobile Antennas are designed and built to outperform.**

With the introduction of the Larsen exclusive Külrod Antenna, this superior performance is a fact more than ever. We suggest that you make this simple test:

Take any antenna other than a Larsen . . . one with a regular unplated stainless steel whip. Apply a good husky signal to it . . . 100 watts, for, say, a full minute. Then, power off, feel the antenna. Careful! Burn blisters aren't pleasant.

Next . . . try a Larsen Külrod Antenna. Put it to the same test.

Amazing isn't it!

That's our story. Heat means power... power not radiated. With the Larsen Külrod, power goes into communicating instead of heating the antenna. That's why **you can HEAR the difference.**

Larsen Antennas are available to fit all styles of mounts and to cover Amateur frequencies from 6 meters through 450 MHz. Write for complete catalog and list of dealers nearest you.



**Larsen Antennas**

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P.O. Box 1686  
Vancouver, WA 98663  
Phone: 206/573-2722



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# QCWA NEWS

JOURNAL OF THE  
QUARTER CENTURY WIRELESS ASSOCIATION

Volume 28, No. 2      Summer, 1979

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## QUARTER CENTURY WIRELESS ASSOCIATION

### OFFICERS

Harry S. Gartsman, W6ATC	President
H. A. (Hal) Sears, W5NC	Vice President
Ethel Smith, K4LMB	Secretary
Art Monsees, W4BK	Treasurer

### DIRECTORS

Gus Gironda, W2JE
Henry Harley, VE3BR
Leo Meyerson, WØGFQ
Art Miligan, W8KW
Clarence Seid, W2KW

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## PRESIDENT'S LETTER

As I write this the QCWA 1979 National Ballotting is in full swing. Many QCWA members spent long hours to provide us a slate of candidates willing to serve, and willing to compete in the election process. Their service to QCWA is a real sacrifice....they must give of their time and means to keep QCWA the outstanding Organization it has become. The candidates who have been nominated this year are all highly qualified women and men, and have records of dedication to the effort they put their shoulder to. Each member of QCWA should consider each Candidate and then vote his or her conviction! Elect those who you feel will best represent you and guide QCWA into the activities and the undertakings you believe best for QCWA and for amateur radio.

The 1979 QCWA Annual Convention, to be held in Chicago, September 7-9, 1979, is being planned by the Chicago Area Chapter - They are meeting regularly to plan for our successful meeting, and to provide activities of interest to all.. I would like to urge each of you to attend. I know you will enjoy meeting old friends, and the activities planned...and, you'll witness the inauguration of Officers and Board members as well as participate in decisions that will be made affecting QCWA. There is quite a bit of business before the Board, your presence is helpful. If you can possibly attend, advise the Committee as quickly as possible. Space in the Hotel is tight.

I want to thank the Tellers who at this moment are tallying votes. Their help is appreciated and you will find a story with pictures about them in this issue of the NEWS.

### QCWA STAFF

Ted Heithecker,	WSEJ	General Manager
Rollie Terrill,	W5RC	Assistant General Manager
M. W. McRae,	W9RC	Activities Manager
J. R. Neelands,	W6DLL	Books and Publications
Lee Knirko,	W9MOL	Advertising Manager
Ellsworth Weinberg	N5EW	Legal Advisor
Cindy Jones	W5ZPD	YL's Viewpoints
T. E. Heithecker	xWN5UVZ	Computer Consultant

### PAST PRESIDENTS

John Di Blasi, W2FX, President Emeritus	1947-1964
Earl R. Thomas,* W2MM	1964-1968
Clarence Seid, W2KW	1968-1971
Barry Goldwater, K7UGA	1971-1973
Frank A. Gunther, W2ALS	1973-1977

### EXECUTIVE SECRETARY - EMERITUS

Ralph G. Barber, W2ZM*	1955-1964
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### HONORARY MEMBERS

George E. Sterling	Peaks Island, Maine
Richard E. Wiley	Arlington, Virginia
Rosel H. Hyde	Washington, D.C.
Col. W. J. Baird	Alexandria, Virginia
Robert E. Lee	Washington, D.C.

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## The Editor's Corner

The Editor has again been reduced to about 6 small lines. It's a hot summer! Perhaps it'll get cooler. Will spend 30 days out in Colorado, that will help. God Bless you all!

-W5EJ-

## SOUTHEAST FLORIDA CHAPTER

After being practically dormant for the past couple years, the SE Florida chapter has been re-organized and is back in business. The first activity was sponsoring a combined QCWA-OTOC-SOWP booth and a luncheon at the Miami Hambooree in January. At the March meeting, a new constitution & By-Laws was approved and new Officers elected. Those serving are:

Howard Mehrling, W4HM, Chairman  
Stan Offenbutter, K4BLM, V. Chm  
Charels Bolvin, K4KQ, Secy/Treas.

The chapter resumed its responsibility for NCS of the Florida State Net one month of the year and also set up a local net to meet weekly on 28950 each Thursday evening at 7:30PM. The next bi-monthly meeting will feature a real get-acquainted session with all of the former know members invited.

Charles, K4KQ

## TELLERS, 1979 QCWA ELECTION

These are the men responsible for the counting of ballots in the QCWA general election. All are members of the Austin Chapter QCWA!

Louis J. Smykal, W5ECB, at left in the Picture, was licensed Sept 29, 1933... On March 30, 1934 was issued the call W5ECB, held continuously to date. Has also had the calls AF5ECB (MARS), and Navy Reserve, N8NBO. Louis holds the Radio-telegraph First, and has sailed on tankers before WW2.

Louis was called into active duty from Naval Reserve in May, 1941 as a First Class Radioman, released from active duty November, 1945 as Chief Radioelectrician. He is active in 2-meter repeater work only.

William E. (Bill) Campbell, W5GPQ, center in the pix, was first licensed as W9ZCI, in Kentucky, in 1936. Received the call W5GPQ in 1937, acquiring his Class A privileges in 1939. Bill holds three Public Service Awards. His xYL is Polly, and they have two children: W. E. Jr. (Ed), K5SBR and Carol Jan Cude, xYL of J. F. Cude, WA5ZMC. Bill worked 34 years with IBM, retiring in 1973. Present activities are Hamming, mostly on 80,40 & 2, woodworking, loafing and traveling.

Bill is Chairman of the Committee.

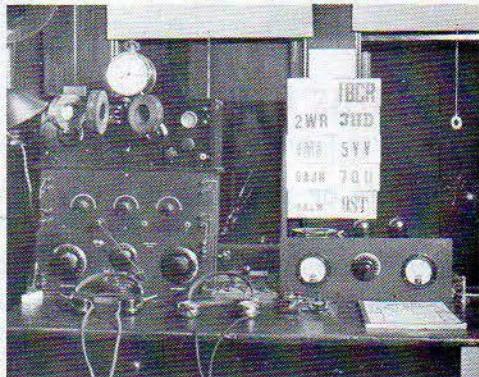
## MIDCONTINENT CHAPTER

Bob Lanyon, Secy of the Chapter wrote to advise of activities in the area... The Chapter held a meeting April 4. A total of 38 members and guests attended. Since Chapter membership stands at 79, that was a good percentage! The meeting was held at the Diamond Head Restaurant, in Kansas City...the food was the best ever. After an excellent meal, Jim Blair, WØJB, President, called the meeting to order. All present introduced themselves, and a period of silence was given to silent prayer in memory of five members who have joined the Silent Keys since November. After closing the meeting, the guest speaker and his xYL were introduced. Mr. James Daley, Engineer in Charge of the Kansas City office of the FCC. Jim provided a description of the FCC work & reviewed recent proposals and cancelled proposals. He invited questions & received many fine inquiries. Mr. Daley provided satisfactory answers to each question. His presence was enjoyable to all, and was deeply appreciated. At 10:30PM the meeting was adjourned.

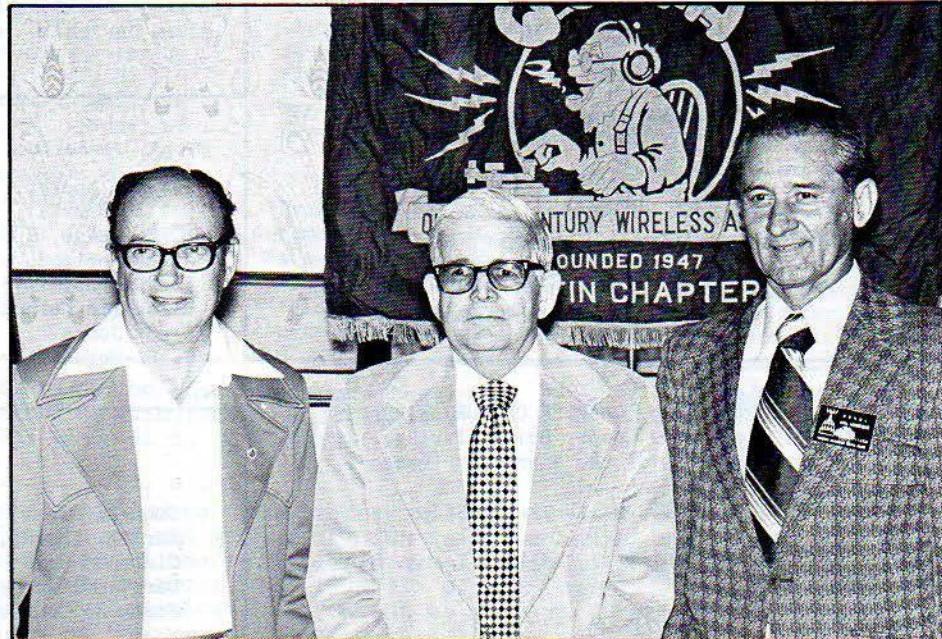
-BOB, WØRXD-

LARSON ELECTRONICS, Inc., has announced a portable emergency 2-mtr antenna. Their Type PHW-150 works in the 144-174 MHz band with as much a 20 dB gain over the normal handi-talkie antenna...it might be enough to get you in contact, in an emergency!

Herb Becker, W9PW, 821 Blue Ridge Dr., Belleville, IL, wrote a bit last October. He had been doing some work trying to activate the St Louis gang to get a Chapter going, without too much luck. We had tried to visit him while in the area, but missed him. Well, Herb is an OT for sure, and sent the picture below.



The year was about 1926, and 9PW was sure slick - Grebe CR3, the transmitter had two 50-watt bottles, antenna a center-fed hertz with "Baldies and all".



At right, Harold Henegar, W5MDL. Hal is a Veteran of WW II, serving from September, 1942 to February 8, 1946... in the USAF, Army Airways Communications system, achieved the rank S/Sgt.

Was first licensed at Plainview, Texas as W5MDL, Nov. 15, 1946. Served amateur radio as Secretary/Treasurer of the Pioneer Amateur Radio Association, and as President for two terms. Was Emergency Coordinator of Hale County,

1948-1954.

Hal moved to San Diego in 1964 and was active as W6CJX in the Carlsbad/Oceanside California club. He moved back to Texas in 1967, and was fortunate to be able to obtain his old call, W5MDL..

Was invited to QCWA by Amos Peters, in 1976... Hal operates 2 through 75 meter bands, enjoying all modes. Does quite a bit of patching for missionaries around the world!

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

LONG ISLAND CHAPTER - QUARTER CENTURY WIRELESS ASSOCIATION, INC.



The Long Island Chapter of QCWA were sponsors of the 1979 QSO PARTY, and a good party it was with everything working to perfection. Art DeVinney and his gang made it easy, and turned in a fine report. Since this was the first year for a double-header, we were uncertain as to how it would go...well we had no need to fear, all went well. An interesting sidelight is that we had prepared the plaque last year, all ready for engraving for the winner...and then had to have another made exactly like it for the second half of the party. LIQCWA sent a batch of comments received from members, telling of their attitude toward the Party, and so we'll print some of them here for you to see:

## CW

"I like the new contest format - separate contests for phone & CW, great idea!"...N4SU

"Fellows were not paying much attention to DX members trying to make stateside contacts...tnx for a well-organized party"....WLWY

"Lots of CW stations since the separate parties... .W3ADE

"Unable to participate more account shoveling snow from driveway"...W4IL

"I can truthfully say I enjoyed this party. Having two separate parties is a good one. I think states should be multipliers rather than Chapters....this would give AL members in sparsely membered states an attraction to everyone. Activity was good, and courtesy was never better"....W6FQ

"Had a fine time - contest action a bit slow, but enjoyed many good rag chews with OT"....W8VSK

## PHONE

"First Party, licensed in 1935, should have joined before"....W3PQE

"Excellent set of rules. Chapter listing in winter News movst helpful...a fun party"....WØHWF

"Enjoyed the parties. We could have used another 20 kHz in the 20 M band."....K4NE

"My first QCWA contest - new member in Feb. 1979 - I'll be back next year." ....W8WOJ

"Most W-hams turned beams west, so sigs vy low! In the 21 MHz part often up to 3 nets working with beams to the east...tnx for the party"....DL1YA

"I enjoyed the phone portion and would have had a lot more fun on CW if I could have made it."KL7AVX

"I hope we continue to have these QSOContests as I feel they create a great deal of fellowship among the members". ....WLCTR

There were several pages of similar comments....we appreciate receiving them all, and they will be a part of the planning for the 1980 CONTEST. The results of the Party have been announced, in so far as the top ten winners are concerned, but there were a lot of members who contributed to the success of the party who didn't having winning scores...their work made it possible for the winners to win... and scores for all who participated and sent in a log are printed below:

PHONE QSO PARTY			CW QSO PARTY		
CALL	CHAPTER	SCORE	CALL	CHAPTER	SCORE
CEØAE	AL	31005	W5JC	38	20880
W6FQ	7	27066	N4SU	2	20713
W4WLX	45	24153	W9IB	2	19647
K9CLO	83	22192	K9CLO	83	17466
WØDHN	35	15318	W4UQ	AL	16320
W4HVU	66	14718	W6UA	75	15410
W9CA	2	14076	WØAP	25	15410
W2KW	46	13780	VE3DMC	70	15180
W5OB	109	13333	W3HQU	AL	13923
W5JC	38	13068	WB8MJF	10	13764
W2CVF	5	13065	W5OB	109	13356
WB8MJF	10	12780	W4NH	91	12852
WLZEN	112	12455	DL7AR	106	12480
KL7AVX	92	12158	K7BZ	16	11712
W1GKJ	24	11277	W6FQ	7	11590
W8QON	22	11122	W7LUQ	16	11532
W9IB	2	10431	W1DIT	AL	11484
K5AK	64	10004	W1GKJ	24	11285
W8WOJ	10	9660	K4EZ	49	11200
W4NH	91	9577	K2HA	AL	10919
K4EZ	49	9295	W2CI	AL	10899
W9RF	55	9135	W2RRY	81	10640
WØCDC	AL	8758	K2GH	77	10309
WØHWF	25	8316	W8EH	AL	10285
W5GPO	AL	8008	W2RPZ	81	10143
VE3JT	73	7946	W7JSZ	16	9804
W6IL	7	7590	W3ABC	23	9688
			W9MKL	2	9576

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PHONE QSO PARTY

CALL	CHAPTER	SCORE	CALL	CHAPTER	SCORE	CALL	CHAPTER	SCORE
DL1LOY	106	7425	VE3QU	73	1798	W9FRE	2	264
AF3E	5	7290	W5QE	67	1792	W4JM	107	255
W2JGR	81	7280	W9RK	2	1782	W8LXP	1	255
VE3ET	70	7224	W9FJE	55	1750	W5UCY	52	252
DJ1TE	106	7015	K6HHD	11	1749	VE6NM	AL	247
W8MAW	2	7011	W7RIR	16	1749	DJ1TC	106	240
W9LNQ	2	6943	W8TPC	9	1716	W2ATM	AL	221
DL9CC	106	6900	K2HA	AL	1682	W5EIJ	90	216
WØEN	25	6696	DL1MD	106	1625	W2QAN	81	208
WØUEI	8	6642	W9QWM	AL	1595	W1DJ	24	192
W2AIM	46	6517	WØCFU	102	1530	W5HS	41	192
W9HPG	2	6177	W1TIV	24	1512	K4FRG	32	189
K9YHO	55	6148	WØGW	58	1485	W6RIR	108	176
W5ZWX	43	5940	K4CMJ	AL	1485	W9BRX	2	176
W5RO	64	5883	K3USO	23	1484	DJ1QZ	106	175
W2GHV	77	5824	K4IDC	69	1470	W4TPA	32	171
W1WY	46	5800	W5KL	90	1456	W2AJM	46	153
W2DX	81	5763	W6CZL	7	1452	W5NPI	64	153
W4BK	32	5750	W4COW	112	1450	W2SNJ	77	150
K4LMB	91	5593	N4UZ	49	1440	W3PQE	AL	143
W4JWO	49	5499	W2RPH	5	1404	W7GZC	4	143
W6QIL	7	5358	WØBON	58	1392	WA1HCK/TG4	AL	140
K4NE	32	5350	K4WJ	62	1378	W3BDF	5	135
W3JXQ	37	5304	W4BMX	80	1372	W4DPN	89	135
WØWSK	58	5250	W6ZVA	14	1316	W7OIO	104	130
W8MD	10	5200	DL1YA	106	1305	W3CJF	6	120
K4FCW	32	4905	W6YVK	11	1296	K4WI	76	120
W3GPR	68	4851	W8DIV	32	1276	WØDKL	8	110
W6RXD	7	4708	W8HU	9	1150	W7AIW	4	100
W9WM	86	4700	K4HI	32	1107	W8AZU	9	92
W3WRX	68	4656	K4FTB	76	1066	DL7CT	106	75
W2EWT	65	4532	W6FU	7	1040	DL3WG	106	70
W4JCJ	32	4532	W9NXP	2	1000	W1ABE	24	70
WA6TKT	AL	4230	W9MOL	2	980	DJ1GH	106	60
W5OGZ	41	4224	K9AQ	55	975	DL1OM	106	55
ACØK	AL	3780	W8GP	10	966	DL6VL	106	55
W9JK	55	3713	W9LOB	2	965	DL1SF	106	50
W5SOD	78	3680	W4PI	45	936	DL6CT	106	50
W9MKL	2	3471	N5CP	93	924	DL6KQ	106	35
WØKKP	58	3375	W9TNZ	2	902	VE3DMC	70	30
W5NC	27	3276	WA4EHD	AL	880	W5POH	90	28
W9FDY	59	3034	W4BIW	49	798	DL3ME	106	25
W6BYH	99	2964	W4SIG	91	736	DL6XW	106	25
K2EXI	46	2847	N4UH	AL	726	W7LSI	4	24
W4KMS	AL	2847	W2AHZ	81	722	DL1KL	106	20
W3VAG	20	2760	W3TPW	AL	665	K9MS	2	20
W2FE	65	2759	W5UZU	94	646	DL9PR	106	15
N5BT	41	2701	W1DO	AL	638	W7IM	108	15
W2RRY	81	2700	VE3BR	70	630	W6CL	7	12
WN5EAT	54	2700	W4BIM	AL	627	W9CI	2	12
W8BN	22	2652	W2IP	AL	620	DL9XW	106	10
K6QS	14	2625	W5VTA	64	560	W5YB	38	9
W2QL	81	2541	W6EKM	7	522	W6CU	11	8
W2KGI	96	2376	K3DR	AL	520	DL1VW	106	5
W4UCL	69	2310	K4HXP	45	432	W6BUK	16	5
W5URT	64	2242	K4VN	49	360	W9BOX	2	4
W2DW	95	2240	W9IPO	2	352	W5BED	90	3
W5QF	54	2240	W8AVH	1	351	W1EOF	112	2
W9CRN	2	2176	K2GIN	AL	304	W3APP	AL	2
W3ETB	5	2079	W1CTR	24	300	W9WR	2	2
W5SRQ	41	1938	W3QYL	20	300	W5GPD	27	1
W8IHF	10	1922	K4KK	69	286			
W6PHE	7	1890	W2PF	69	272			

By our count, 214 members sent logs to the Committee for scoring and checking purposes. That's about the regular number for most parties...However, with the separate CW party, the participation is much better.

The QCWA Plaque has been engraved and sent to David Reddy, CEØAE. With it goes the congratulations of all members for a job well done.

We're proud of the members who work so darn hard year after year, W6FQ, K9CLO, and the others who always place high in the scoring.

(CW PARTY SCORES ON NEXT PAGE)

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CW QSO PARTY

CALL	CHAPTER	SCORE	CALL	CHAPTER	SCORE	CALL	CHAPTER	SCORE
W8MD	10	9512	W9WR	2	3360	WØEN	25	570
W2DX	81	9408	W2AOS	89	3315	W4MRD	113	570
W8KW	53	9342	W2AWF	95	3256	W6FU	7	570
K2GBH	AL	9222	N5BT	41	3230	W2IP	AL	561
W3KH	6	9075	WØBQ	AL	3182	W3BDF	5	561
W8VSK	61	9020	VE2PJ	AL	3154	W7BMK	87	522
W2HI	81	8856	WØDBC	8	3116	W8EGI	10	493
W6IO	11	8250	W6IFC	99	3010	DLLOM	106	490
DLL1YA	106	8235	VE3BR	70	2997	W9GJS	AL	480
W8MJG	22	8120	W9ZEN	59	2988	W4OGG	113	475
W5KL	90	7952	W2BBK	77	2960	W2AAS	AL	448
W6JTA	75	7950	W4HU	91	2926	W6KZJ	AL	432
N5EN	27	7560	W4NEI	AL	2888	W2KO	81	390
W2LPA	81	7399	K4TM	AL	2800	W6AW	11	390
W5QF	54	7367	W4ZCT	45	2765	DLLQT	106	375
W6IL	7	7344	K5AK	64	2520	K4HI	32	375
K5WK	AL	7150	W7BCS	4	2457	W8GGX	AL	360
VE3JT	73	7140	W9RC	2	2368	K6UQ	7	357
W5BED	90	7068	W5RPJ	67	2296	K2IC	5	350
W9RF	55	7049	W2AYJ	81	2278	W4JUJ	23	336
W1WY	46	6996	W9HI	55	2268	W4WS	32	322
W9CA	2	6930	W8AQ	21	2232	W8IHF	10	322
W2CJJ	81	6811	KØKO	25	2211	W2SF	46	312
K4LMB	91	6750	W8BN	22	2210	W4BAO	113	285
W1LCNU	24	6615	W5NC	27	2145	DL9YP	106	280
W5AS	63	6579	K5BLV	109	2074	W1PWK	AL	280
K4ND	107	6480	K4BRC	62	1920	W3UIU	68	276
W2CFY	5	6477	W6QIL	7	1891	WØCHJ	79	255
W9HPG	2	6440	W9CIB	2	1891	W7RIR	16	252
W3ADE	37	6370	N5CP	93	1830	K5AV	AL	231
W9LNQ	2	6148	W3RO	AL	1736	W2CU	77	224
KV4AB	46	5952	W8OM	AL	1540	W7BUQ	4	200
W9CAS	55	5875	W6PHE	7	1485	K2VX	77	165
K4NE	32	5814	N3WW	31	1458	W5RB	63	154
N4ZH	76	5760	W7LQ	4	1458	W2PF	69	117
W8GJX	10	5593	K4KK	69	1431	W5YB	38	108
W2PQZ	46	5490	W4IL	AL	1350	W8HZA	30	96
K3VA	5	5312	W5QE	67	1323	W1ABE	24	88
W7TO	AL	5198	WØRG	AL	1300	K4GUS	AL	80
W6BYH	99	5152	VE3XQ	73	1300	K1POM	AL	70
N6UH	7	5152	W9TNZ	2	1288	W5MD	109	70
DL1OY	106	5125	W4MOX	111	1275	W8OQV	1	52
W1TEE	AL	5029	K7EJ	16	1188	DL1SF	106	50
W4BMX	80	4982	W2UAL	81	1173	K4WI	76	49
W5HS	41	4738	W9QWM	AL	1152	W2NPT	77	48
W2DW	95	4725	W4BIW	49	1150	CEØAE	AL	45
W4PEI	45	4664	W5OG	41	1113	W2HR	AL	45
W2AOX	81	4635	W6CU	11	1075	DL1VW	106	30
W2GP	81	4620	W4PI	45	1040	W5GPD	27	24
W3SX	AL	4410	W3FZV	AL	1035	W7GZC	4	16
VE3QU	73	4386	K2GT	81	1025	W6MTK	75	12
W9NN	53	4277	W9DZG	2	1012	DL1ES	106	10
W4JWO	49	4074	W2AIM	46	989	W8PZT	97	8
W9ACU	59	3920	G2GM	AL	950	W2FRX	81	6
DL7CT	106	3850	WØJTC	AL	943	DL1MG	106	5
W1HV	AL	3840	K6NS	14	912	DL3RK	106	5
W40MW	AL	3744	K9MS	2	780	DL9CC	106	5
K6PG	7	3627	W3HKS	AL	703	W7FT	58	4
W2FE	65	3526	DLLMD	106	675	KØBRS	25	1
DL9PR	106	3510	W8GP	81	665	W5SRQ	41	1
K4WJ	62	3486	W2HVD	81	663	K2KI	81	0
W3EE	20	3440	N6PV	7	646			
W4YE	91	3402	WØEFK	8	576			

215 members took part in the CW QSO PARTY, at least to the extent of reporting contacts. The Plaque has been prepared and sent to the San Antonio Chapter for presentation to W5JC!

On behalf of all QCWA MEMBERS, we want to thank the LONG ISLAND CHAPTER OF QCWA for the work that is always necessary to make the PARTY a success. Their report and cooperation was wonderful. We urge you to drop the Chapter a line, thanking them for their efforts...Many did so, when sending in their operating logs.

Now is the time to resolve to make even higher scores in February, 1980...it's not far away now..... and, we sure could use a volunteer Chapter to take on the QSO Party for 1980...How about it?

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## A LETTER FROM A QSO PARTY CONTESTANT

The following letter received from David L. Reddy CE0AE, dated March 13, 1979 is worthy of reading. It expresses so well the precepts of QCWA, and of Amateur Radio. It was written long before Father David knew that he had won the QCWA Plaque!

"I am herewith enclosing my log for the SSB part of this year's QSO Party. It was a most enjoyable experience for me to be able to take part in this QSO Party together with so many venerable pioneers of amateur radio. I really felt tremendously elevated with a renewed confidence in the quality of our hobby. There was no great rush to simply rack up a high score. Each one had time for a few kind words - of remembrances with old friends and of welcome to the newcomers. In many instances stations told others that I was calling them; some also let me make a QSO on their frequency.

It was noteworthy also that when the hour got late the oldtimers generally went to bed. It was not like the cigarette and coffee round-the-clock operations of the youngsters in other contests... It was like a breath of fresh air from the 'I'm going out to win' attitudes. These oldtimers with their years of experience and their great wealth of interesting stories - and walls full of certificates and awards of by-gone days - have come to realize that another piece of paper for the wall is really not much of a contribution to the hobby or the state of the art. Good as are the means of communication, an necessary as are all the building and experimenting, the old timers have learned that the content of their communication is even more important than the means to achieve it.

I have been a member of QCWA only since November, 1977, when I became eligible. But I have already begun to appreciate the greatness of its spirit. I felt like a humble freshman walking for the first time in the hallowed corridors of an ivy-covered university, with its traditions and its greats. It was awe-inspiring. Some of the hams whom I had the privilege to contact were licensed even before I was born - imagine!

So, time will continue on - today's new hams eventually becoming eligible for QCWA membership - and today's old-timers passing on to the roll of the silent keys. This is life. But as long as there is still breath in the body, a microphone at hand, a piece of wire or a sophisticated array, a homebrew or a modern IC transceiver, the QCWA member will be eager to spread the good word, reminisce, edify, and continue to elevate and renew the image of Ham Radio.

This year's contest was for me a delightful experience, and I want to thank sincerely everyone who gave of himself to say a few words to me - even if they were mainly numbers. God bless you all!

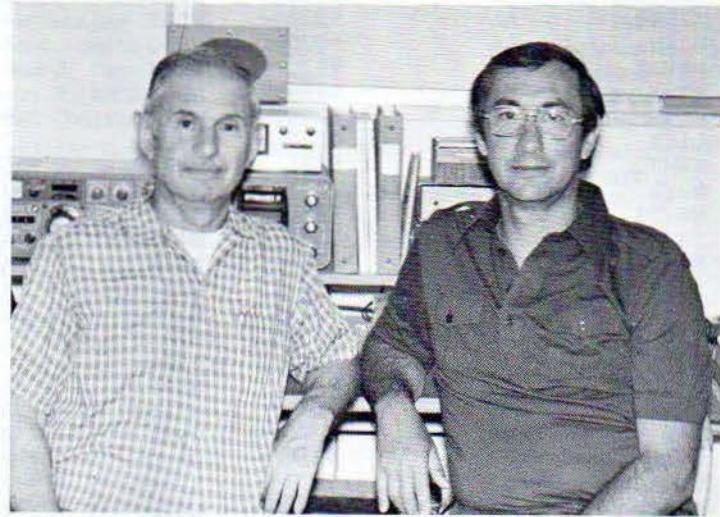
73 from East Island  
Fr. David L. Reddy, O.F.M.  
CE0AE

## SPECIAL NOTE:

GOOD PICTURES IN HALF TONE REQUIRE BLACK-WHITE PIX SO, IF YOU HAVE A SPECIAL PIX, TRY TO GET IT BLACK AND WHITE, IF IT HAS TO BE COLOR, KEEP IT A LIGHT PICTURE, AND MAKE SURE THE BACK-GROUND DOESN'T HAVE SKIN TONES...CAN'T BRING OUT THE PEOPLE WHEN THAT IS THE CASE.

W5EJ

A QCWA FATHER & SON PICTURE. TWO WELL KNOWN MEMBERS OF QCWA. At Left, Bob Hertzberg, K4JBI, and at right, his son Paul, K2DUX. Bob was first licensed in 1919 and joined QCWA in 1948. Paul got his ticket in 1953 and joined QCWA in 1978. Both served in the Signal Corps, WW-II & Korea, Resp.



NORTHWEST CHAPTER

The NW Chapter Newsletter featured news & views fm other Chapters in the area. It was a fine issue & we certainly like the fill-in from around the area

Comment was made on the QCWA National Elections... all members urged to chose their candidates and to work and vote for them. In that vein, the Chapter candidates for Office have been announced, with ballots due to the tellers by June 1, 1979

- Harold, W7PN -

## CAN THIS BE A QCWA MEMBER?

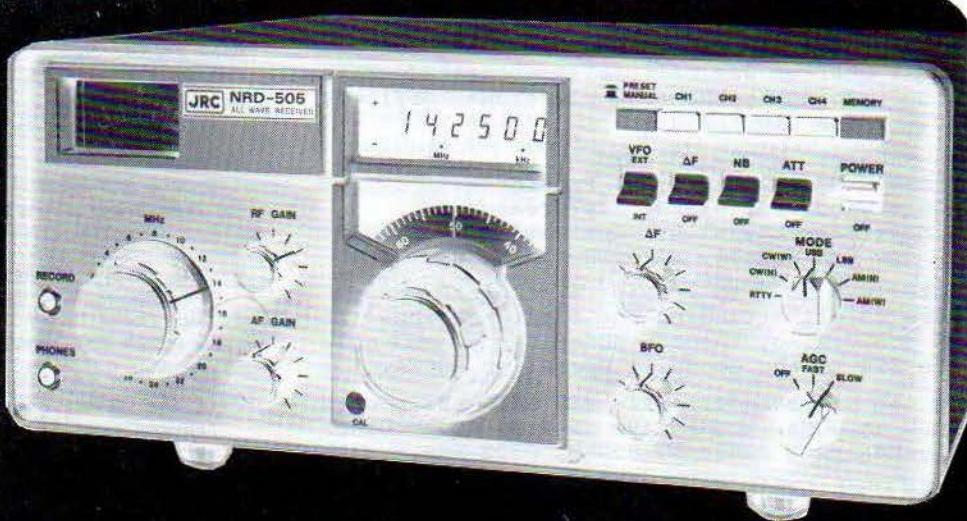
You can darn well bet your boots she can be. Talk about the All-American Girl! She's it! It may be that a few might be able to identify her but not all..so, in league with the members of Evergreen Chapter, let us introduce you to Ethel Smith, K4LMB. The year is 1939-1940...A Hallicrafter SX-23 or SX-25...a good-looking young lady and a ham transmitter! What else could one want. It was just about this time that Ethel initiated the YLRL Association, and no one has forgotten her since.

The picture came to light recently in an album, from an SK whose widow gave it to Jeff, W7FL...Russ Patrick, W7IDZ and the boys up in the Great Northwest came up with the idea of surprizing her...we think they might just have done it!



Ethel Smith, W7FWB

The World's  
Best Value in  
A General  
Coverage  
Receiver  
**NEW NRD-505**  
from GILFER —  
only \$2275



Compare the NRD-505 features, performance, and price and you'll agree it's the finest value in shortwave listening. First 100kHz to 30MHz receiver built on the **Card-Frame System** — 9 edge-mounted circuit boards. **Advanced Solid-State Design** — unusual density — over 130 transistors and ICs, over 100 diodes. **Phase-Locked-Loop Digital Synthesizer** (housed in die cast case) with crystal reference oscillator and permeability-tuned VFO. 1st consumer receiver w/ optional non-volatile **Programmable Memory** (CMOS random access of any 4 frequencies). **Two Readout Systems** — digital (6 LEDs for 100 Hz accuracy) and analog (1 kHz accuracy). **Up-Conversion Double Superheterodyne** (1st IF: 70.455 MHz, 2nd IF: 455 kHz) with push-pull RF amplifier, PIN-diode RF attenuator (another first), FET balanced first mixer, crystal filter first IF, built-in noise blanker, 3-position high selectivity mechanical and ceramic IF filters (AM selectivity 2:1 shape factor, 6 & 2.2 kHz at -6 dB) **2-Speed Electronic Tuning** (100 kHz and 33 kHz per turn) and **30-Position**

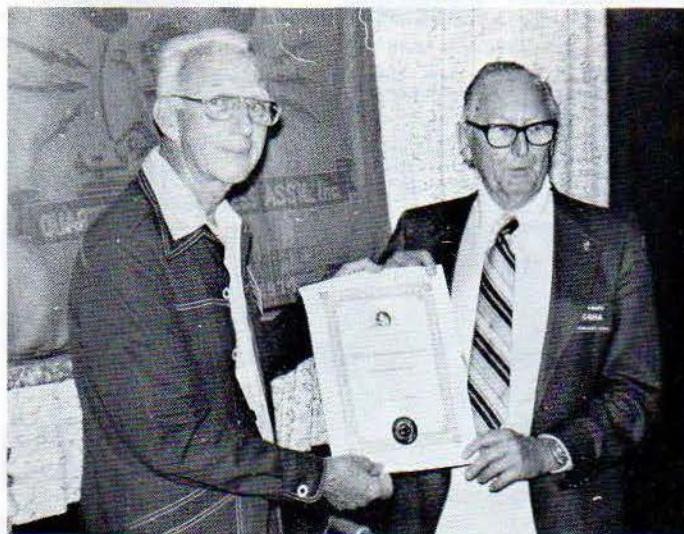
**Electronic Band Switch** (no mechanical electrical contacts). **Single-Hand Tuning** (no preselector tuning — bandpass filters advance in steps with MegaHertz settings) — another first in general coverage receivers. **Super specs.**: better than 0.5  $\mu$ V sensitivity on CW & SSB from 1.6-30 MHz; image and IF rejection: 70 dB or more; stability: less than 100 Hz per hour after warm-up. Plus many other extras to make this the finest value in shortwave listening equipment. NRD-505, \$2275, memory option \$125, CW narrow filter \$50, matching speaker \$90 — delivered anywhere in U.S. For **Free Catalog**, write

## GILFER SHORTWAVE

North America's Shortwave Mail Order Place  
Dept. 25, Box 239, Park Ridge, NJ, 07656 USA.  
PH. (201) 391-7887

### EVERGLADES CHAPTER

Roy McCarty, W9KA/W4RM, sent news of Chapter work. The May meeting is the last get-together until the dog-days have passed. Roy reported membership is at a total of 85, and that the 78/79 year has been a good one.



In the picture above, Roy (at left) presents the Golden Certificate to Wray Gillette, K4HA. Headquarters sends its congratulations to Wray and a thank you for the nice pix.

### AKRON OHIO QCWA CHAPTER

The Akron Ohio QCWA Chapter quarterly meeting was held April 26, 1979, with 46 in attendance. This was also the Chapters Eleventh Anniversary. Guest Speaker was Ron Druecker, from Ohio Edison. Bob showed slides and gave the pros and cons on the future of energy sources.



In the picture, L-R are: Ron Druecker, Speaker of the evening; Perry Towne, WB8IZJ and xYL, Ester; Anne and Chet Rataski, K8GRO; Mike Underwood, W8Afp and xYL, Agnes. - Pix by W8CGG.

The next Chapter meeting is set for July 26, 1979, at Anthe's, 4315 Manchester Rd, Akron.

-Mike, W8Afp-

CHECK YOUR MEMBERSHIP EXPIRATION DATE ON THE LABEL,  
IF IT SAYS JUL 79, OR EARLIER, YOU'RE DUZRDU!

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## YANKEE CHAPTER NEWS

The Yankee Chapter's first Annual Meeting with 46 members and guests in attendance, was a big success. The Chapter Charter was officially presented with Jack, WLEOF, doing the honors. Election of officers was held. Those elected are:

Wes Randles, W4COW, President  
 Charels McLam, W1EFC, V. President  
 Onie Woodward, W1ZEN, Secy/Treasurer  
 Marv Fickett, W1LAV, Activities  
 Joe Santangelo, NLJS, Net Manager.

The Chapter was able to provide a complete roster of members to all attending the first meeting. It was fine job...Also, through donations we were able to donate \$50 to the Goodwill Operation, QCWA.

A new CW net has been established, 3615 kHz, with Sam, W1ASD as NCS...Wednesdays at 7:30 PM. Other Chapter nets are: Sundays, 830AM, 3903 kHz.

The Yankee Chapter is one of 7 Chapters in NESCON. On May 19, 6 members attended the NESCON meeting at Tarrytown, NY. At this meeting, Wes, W1COW was elected NESCON Chairman and Sam, W1ASD was elected Secretary. A highlight of the day was presentation of a Golden Certificate to Sam, W1ASD, by QCWA Charter Member, Ralph Hasslinger, W2CVF. The Certificate was endorsed for 50 years continuously licensed status.



In the Picture above, L-R; Jack Titterington presents the Yankee Chapter Charter to Wesley Randles W4COW, President of the Chapter.

A word to the wise - contact the Yankee group, get a copy of their first newsletter. It is a good one and we know you'll enjoy it.

-ED.

## FLORIDA GATOR CHAPTER

Gator has ended its Official meetings until October. There are, however, regular meetings, 1st Saturday at the Sweden-House, in Clearwater. The On-the-air net continues on each Saturday morning, 9:30AM on 3920 kHz. The April 7 meeting was a good one, with Frank Shannon, K4GT and Lew Sieck, K4NE providing good humor. Visitors were K4JZV & WAIAFS & YF... Gator is active in providing Widows assistance in disposing of equipment with AA4MF and K4IGO actively working at it... Eli Nannis, K4JMH, Scty, provided the program of 1960/1964 hamfest pictures and descriptive material.

Gator has taken up the problem of affiliate membership for those who might not qualify for QCWA membership fully. The entire group is working for the election of Officers!

## BANANA BOAT BLUES

Back in the days of youth and fun  
 I went to sea as, "Sparks" by gum!  
 On a banana ship - the San Mateo  
 With an old first mate named Andy Kayho.

He was a grizzley old guy with a face of tan  
 From years at sea as an iron man,  
 In wooden ships propelled by sail  
 His normal voice was a fog-horn hail!

We put in for cargo at a CA port  
 The second went ashore for a bit of sport.  
 To the third he said, "will you kindly take,  
 My watch tomorrow, if I come back late."

We sailed at down, Andy forgot the matter -  
 'til the QM was half way down the ladder.  
 Leaning over the rail, with a mighty bellow  
 "Don't call the second, call the other fellow."

The QM, dazed by that awful blast,  
 stood on the ladder until, at last,  
 A head appeared and with voice unsteady, said  
 "No you old fool, don't call the second,  
 He's awake already."

- W7BXR -

We want to particularly call your attention to this beautiful example of iambic pentameter verse. Exotic subject matter, well rounded verse, worthy of your comments. Send them to Ray Webster, W7BXR, Star Rte, Box 34, Hereford, AZ 85615

-ed.

## MISSISSIPPI GULF COAST CHAPTER, QCWA

Joe Butler, K5OS, Secretary of the Chapter wrote news of activities down on the Gulf Coast. Enclosed some pictures too....shown at right, L-R, are Dave Wainwright, W5TCB, the Chapter President and Norm Feehan, W5JHS..... Norm has accepted the job of Chapter Historian...and Dave is loading him with all sorts of dope. In the picture below, L-R are: Prexy Wainwright, W5TCB, & Tom Braidwood, W5BW with Vice President Norm Feehan, W5JHS. Tom is receiving his 64 year endorsement!!



The Chapter meets all year long, 2nd Saturday of the month, at 5PM, Morrisons Cafeteria, Edgewater Plaza Mall, Biloxi.

Officers serving for the year 1979 are as follows:

Dave Wainwright, W5TCB President; Norm Feehan W5JHS, Vice President and Joe Butler, K5OS, Secretary/Treasurer. Publicity Chm. is Beatrice Daniels, WD5JXT, YF of Walt Daniels, W5SGL.

-Joe, K5OS

and Joe Butler, K5OS, Secretary/Treasurer. Publicity Chm. is Beatrice Daniels, WD5JXT, YF of Walt Daniels, W5SGL.

.....IT IS FORTUNE, NOT WISDOM THAT RULES MAN'S LIFE.....

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

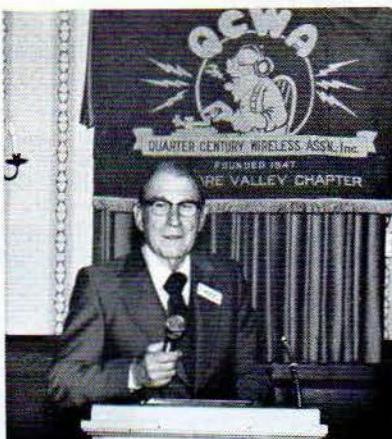
## DELAWARE VALLEY CHAPTER

The Chapter's March 28, meeting saw 58 members & guests in attendance.

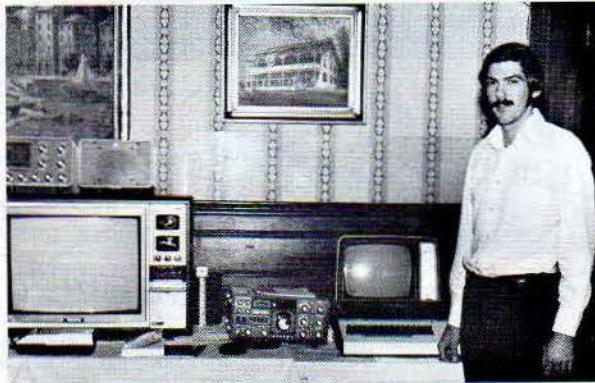
Following necessary business, the evening meeting was turned over to Vice Chairman Sid Deitz, W2FDE, who presented the speaker of the evening.. Mr. Douglas Crompton, WA3DSP, of the Naval Air Development Center of Johnsville, PA, gave a very fine lecture and demonstration dealing with computers and their uses. The Ladies were impressed by home uses, such as putting recipes in the computer for instant use when needed, plus the advantage of being able to increase or decrease the amount required, depending on the size of your party.

The Chapter welcomed three new members, Taylor Bell, W3FEN, of Richboro, PA; Lawrence Kaczmarczyk, W3UOW, Mahanoy City, PA; and, Ed Madison K4ADG, of Toms River, NJ. Officers for 1979/1980 elected were:

Coleman A. Beason, W3EY, Chairman  
Sidney L. Deitz, W2FDE, Vice Chairman  
A. G. Wentzel, Jr., W2HX, Secretary  
Goerge H. Gierman, W2QLP, Treasurer



Chairman Coleman A. Beason, W3EY



In the Picture, Douglas Crompton, WA3DSP

## CITRUS CHAPTER NEWS.

The Chapter is deeply saddened over the death of Harvey Barton, W4RP, on Thursday, April 19, 1979.. Funeral services were scheduled for April 23, 1979 at 11 AM, at the Winter Park Funeral Home with Dr. Melton Ware, of the First United Methodist Church officiating. Harvey was a charter member of the Chapter and had received his Golden Certificate... His QCWA number is 6353.

- W4AR -

## SPECIAL NOTE:

THE LICENSE REMINDER PROGRAM IS GOING GREAT GUNS. WE URGE YOU TO TAKE PART. ALL THAT IS NEEDED IS A 3 x 5 CARD, OR AN IBM CARD, WITH YOUR LICENSE EXPIRATION DATE IN THE UPPER RIGHT-HAND CORNER, AND YOUR NAME, CALL AND ADDRESS IN THE CENTER. IF YOU WANT A CONFIRMATION THAT YOUR MATERIAL WAS RECEIVED AND IS ON FILE, SEND A SELF-ADDRESSED POSTCARD. WE'LL STAMP IT AND RETURN IT AS YOUR CARD IS FILED

## Beaver State Chapter

The spring meeting was held at Corvallis, May 20, 1979, and was the second meeting for the year. It was a good meeting with excellent food at the Big O Restaurant.

The Beaver State Chapter was founded May 21, 1978. It has grown to a solid Organization with 88 members on the Rolls. The May meeting featured nomination and election of Officers for the coming year. Those elected to man the helm were:

Howard Truax, W7SO, Chairman  
Jay Teed, W7UIU, Vice Chairman  
Dick Fox, Secretary/Treasurer

Following the elections, a rousing "Well Done" ovation was given to Jim Walsh, W7LVN, first Chairman of the Chapter... Jim was the right person, in the right place, at the right time...the Chapter owes him much for his work!

Byron Richards, K7AII gave a short recap of activities of the Kiwanis Clubs and their efforts on behalf of Amateur Radio. Byron asked for QCWA support of the program.

The Next Chapter meeting is planned as an outside affair to be held at one of the areas on the Oregon Coast. No date has yet been finalized. This was a wonderful meeting..with 65 members and guests attending - thanks to all!

-Dick, W7EFS-

## Q C W A - SUNCOAST CHAPTER

The Suncoast Chapter had a very successful season, under the direction of Chairman Charlie Whysall, K4WZ, with meetings attended, October to May, averaging more than 100. There were many interesting programs presented during that time.

We were saddened by the passing of Mark Swanson, W4ZR and Buzz Lund, W4ZJ. At the May meeting it was announced that Carl, K4KGG our retiring Secretary, had lost his wife Bernice. Our heart-felt sympathy to all families of our silent key members.

At right - the May 3, '79 award of Century Certificate #77 to Gil Ludlow, W8IY, by Charlie Whysall, K4WZ.



Happy to report K4AIZ, Frank Wise, after a number of trips to the hospital, is home having a ball "dit-dahing" on his new Kenwood...Frank is strictly a CW man!



At left, L-R, are new Officers; Bob Siff, K4AMG, Treasurer; Ebert Long, K4GEW, Chairman; and Wally Blakeslee, W4BGR, Secretary. They will take up duties when the Chapter resumes meetings next October.

Our many thanks to the retiring Officers: K4WZ-Charlie Whysall, Chairman; K4KGG-Carl Scharff, Secretary; and K4YG "Honest" Elmer Enke, Treasurer for 3 years. They did an outstanding job, for which we are very grateful.

-Cathy, W4BAV-

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## SUSQUEHANNA VALLEY CHAPTER

Back in 1964 a group of QCWA members in the York, Lancaster (PA) area, under the sparking of W3OY, began a movement which culminated in formation of the Susquehanna Valley Chapter. Art, W3OY, was the chairman and W3AXA was secretary/treasurer. The Chapter was small, but enthusiastic!

Other chapters were formed in the area, and after a bit the Chapter sort of died on the vine. There have been attempts to reactivate, but to no avail.

Now a new spark of life has emerged under the interest of Sam Fraim, W3AX (902), and we are going to make another try. Sam and I (W3AXA) visited a short time ago, and there are many active amateurs in the Lancaster area, quite a few are not members of QCWA...we are mailing out invitations to all of the present QCWA members and prospective members.. hoping we can come up with a get-together soon, at Sam Fraim's home. We will report on happenings as soon as the meeting occurs, about June 16!

- W3AXA -

*It would certainly be good news to hear that there is interest and that the Chapter is to be active!*

-ed-

## WEST VIRGINIA CHAPTER

The Chapters fall meeting, held October 14, 1978 at the Daniel Boone Hotel, in Charleston. A short business meeting was held at which Officers for the year were elected. They are:

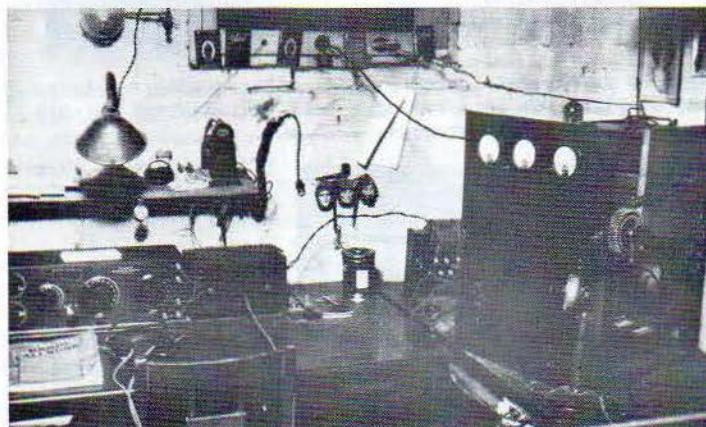
Larry Penrose, WB8UDY, President  
Festus Greathouse, W8PZT, V. Pres.  
Calvin Basham, W8NR, Secretary

Following the business meeting, a rag-chew visit ensued, which lasted til late that evening.

The Chapter is working to eliminate the confusion existing between the Central West Virginia and the West Virginia Chapter designations.

-W8PZT-

FRANK TUKEY, W2CGB, sent the picture below, of his rig in 1924. His descriptive words say it better than we could:



"Note the Paragon RA10, homebrew detector and two-step. Transmitter (Hartley circuit) was a ship transmitter inductance, a side button 363 WE phone for a mike, with loop modulation. The only parts not showing are the 60 quart-jars suspended above, which produced the RAC to a 50 W (output) GE-CG-1144-A. Heard in New Zealand on 170 meters!"

-Frank-

## THE WAY THE WORLD TURNS.....

These are Earth Satellite antennas operating in the 4 - 6 GHz range, 10 meter dishes with a gain of 50 dB. They are located on Elmwood Avenue, Buffalo, NY, and associated with Radio Station WBEN.

Not all of us are conversant with dB gain...so as an example. These narrow beam dishes will direct a signal of 100 kilowatts in the direction they're aimed, for every 1 watt fed to the radiator. It is typical that the transmitters used in the Satellite service might have an output of 1500 watts. If so, the beam power is equivalent to 150 megawatts!

The dishes are so accurately aimed as to be beyond belief. If they are off the satellite by as much as 3 to 4 degrees, the signal is gone. This station is directed by Ralph Voight.



Picture, February, 1979 by W5EJ.



The Roadrunner Chapter held its spring meeting at Wyatt's Cafeteria on March 27, 1979. The Chapter voted to contribute \$50 to OPERATION GOODWILL.

The speaker of the evening was Doc Wiley, W5OPC, Director of Communications for both transatlantic balloon flights of Double Eagle II. His talk covered the operating and equipment problems involved in the unsuccessful first flight and the successful second flight. Due to careful planning communication aspects of the flights operated with minimum Murphy's Law glitches. The balloons carried an impressive array of VHF, Beacon, Navigation and HF equipment (Atlas transceiver). The equipment served as ballast, and at landing, most of it had gone overboard.

The Chapter is proud of the New Logo, shown above and we're proud of it too...designed by the Lady of Chapter President, Warren Perkins!

-Hugh, W5HD -

THE QCWA 1979 DIRECTORY WILL BE OFF THE PRESS SOON AND A COPY WILL GO TO ALL U.S. MEMBERS WHOSE DUES ARE PAID UP AS OF TIME OF PUBLISHING. CHECK YOURS AND RENEW NOW, IT'S NOT TOO LATE.

# New OMNI/SERIES B Filters The Crowd

The new OMNI/SERIES B makes today's bands seem less crowded. By offering a new i-f selection that provides up to 16 poles of filtering for superior selectivity. And a new Notch Filter to remove QRM. No other amateur transceiver we know of out-performs it.

**NEW I-F RESPONSE SELECTION.** OMNI comes equipped with an excellent 8-pole 2.4 kHz crystal ladder i-f filter which is highly satisfactory in normal conditions. But when the going gets rough, the new OMNI/SERIES B, with optional filters installed, provides two additional special purpose i-f responses.

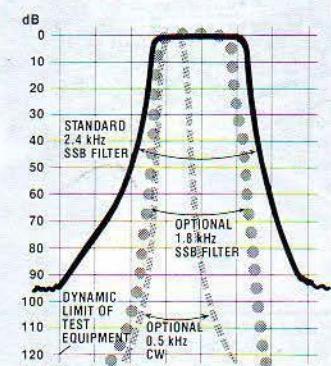
The 1.8 kHz crystal ladder filter transforms an unreadable SSB signal in heavy QRM into one that gets the message through. The 0.5 kHz 8-pole filter provides extremely steep and deep skirts to the CW passband window which effectively blocks out even the very strong adjacent signals.

Both of these filters can be front-panel switched in series with the standard filter to provide up to 16 poles of filtering for near-ultimate selectivity. In addition, the standard CW active audio filters have three bandwidths (450, 300, and 150 Hz) to give even further attenuation to adjacent signals. In effect, OMNI/SERIES B has six selectivity curves—three for SSB and three for CW. That's true state-of-the-art selectivity.

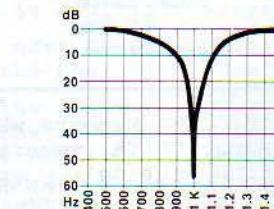
**NEW NOTCH FILTER.** A variable frequency notch filter in OMNI/SERIES B is placed inside the AGC loop to eliminate interfering carriers and CW signals without affecting received signals. Attenuation is more than 8 "S" units (over 50 db) for any frequency between 0.2 kHz and 3.5 kHz.

## OMNI/SERIES B RETAINS ALL THE FEATURES THAT MADE IT FAMOUS.

All solid-state; 160-10 meters plus convertible 10 MHz and AUX band positions; Broadband design for band changing without tuneup, without danger;



OMNI/SERIES B I-F RESPONSES  
WITH STANDARD AND  
OPTIONAL FILTERS.



NOTCH FILTER PERFORMANCE  
ADJUSTED TO 1 kHz POINT.

**Choice of readouts** — OMNI-A for analog dial or OMNI-D for digital dial; **Built-in VOX and PTT facilities**; **Selectable Break-in**, instant or delayed receiver muting; **Dual-Range Receiver Offset Tuning**,  $\pm 5$  kHz or  $\pm 0.5$  kHz; **Wide Overload Capabilities**, dynamic range typically exceeds 90 dB and a PIN diode switched 18 dB attenuator is also included; **Phone Patch Interface Jacks**; **Adjustable ALC**; **Adjustable Sidetone**; **Exceptional Sensitivity**; **200 Watts** input to final with full warranty on final transistors for first year, pro-rata for 5 years; **100% Duty Cycle** for RTTY, SSTV or sustained hard usage; **12 VDC Circuitry** for mobile use, external supplies for 117/220 VAC operation; **Front Panel Microphone and Key Jacks**; **Built-in 25 kHz Calibrator** in analog dial model; **Zero-Beat Switch**; **"S"/SWR Meter**; **Dual Speakers**; **Plug-In Circuit Boards**; **Functional Styling**, black textured vinyl over aluminum "clamshell" case, complementary nonreflective warm dark metal front panel; **Complete Shielding**; **Easier-to-use size**:  $5\frac{1}{4}" h \times 14\frac{1}{4}" w \times 14\frac{1}{4}" d$ ; **Full Options**: Model 645 Keyer \$85; Model 243 Remote VFO \$139; Model 252MO matching AC power supply \$139; Model 248 Noise Blanker \$49; Model 217 500 Hz 8-pole Crystal Ladder CW Filter \$55; Model 218 1.8 kHz 8-pole Crystal Ladder SSB Filter \$55;

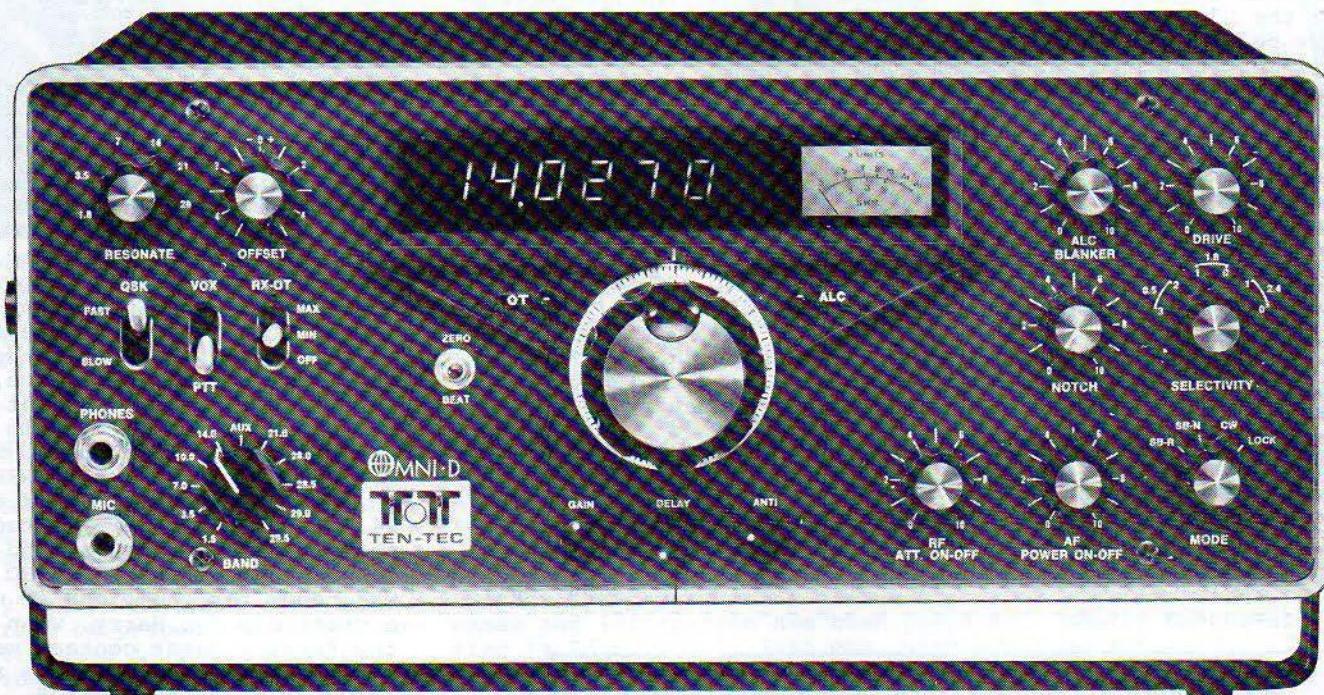
**OMNI owners note:** Your OMNI can be converted to a SERIES B model at the factory for just \$50 (plus \$5 for packing and shipping). The notch filter replaces your present squelch control and provision is made for the two additional optional filters; a partial panel with new nomenclature is provided. Contact us for details.

Model 545 Series B OMNI-A \$949

Model 546 Series B OMNI-D \$1119

Experience the uncrowded world of OMNI/SERIES B. See your TEN-TEC dealer or write for full details.

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# QCWA NEWS

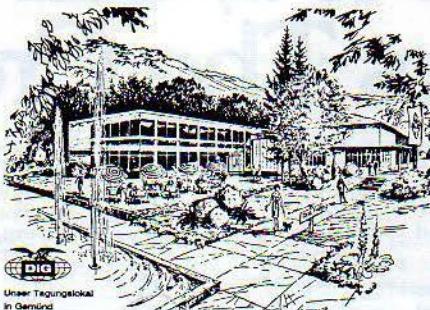
JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

ZUR ERINNERUNG AN DAS GROSSE  
DIG-EIFEL-TREFFEN IM MAI 1979  
IN GEMUND

10 Jahre DIG



1969 - 1979



Dieses Diplom gehört:

**QCWA**

Für Unterschriften meiner DIG-Freunde:

Karl DL4YP  
Kurt DL5VZ  
Alf DL7CT  
Otto DL8AJ  
Hans DL32I  
Klaus DL1OM  
Hilpert DL10Y

Fritz DL6KA  
Karl DL1LZ  
Karl DL1LT  
Fritz DL3EO  
Fritz DL3HN  
Otto DL1TC  
Fritz DL1QZ

Jay DL2FY  
Karl DL2BO  
Karl DL2NH  
JL9PU  
JL3ME  
JL9GN  
DL6A  
JL1YA  
JL1D

Hans DL1XK  
Elmer DL1XP  
Hans DL1YK  
Elmer DL1XP  
Hans DL1YK  
Elmer DL1XP

Meeting  
of the  
German Chapter  
25. May 1979  
Gemund/Eifel

SACRY PRINT

The card above, in color, with signatures of QCWA Members who attended the May 25 meeting in Gemund. Hans, DLLYA, remarks that the weather was not too good, but a fine meeting! -W5EJ

## REPORT OF THE MEETING OF THE GERMAN CHAPTER

On the occasion of the DIG-Meeting in Gemund-Eifel, May 24 - 27, 1979, members of the German Chapter came together. 25 members and 4 guests were in attendance. Chapter Chairman, Hans Schleifenbaum, DLLYA, welcomed all members and guests, commenting on the pleasure we all get when a good bunch of old-timers get together. Hans gave a memorial address for DL3VR and DLLCN, who joined the Silent Key rolls last year.

The German Chapter has now 60 members and is the largest Chapter outside the USA and Canada. The new Chapter banner arrived just a few days before the meeting. This was good timing, and a picture with all in attendance was taken.

The QCWA election (National) was discussed in the meeting. Additional information on the thoughts of Chapter officials on the election were to be published in the newsletter (Chapter). Discussion was held regarding the new regulation of membership in QCWA for members located outside the USA...the feeling was that the new membership rules are not very good. 50% of the members of the Chapter took part in the 1979 QSO Party, which Hans felt was probably higher than for any other QCWA Chapter.

The Chapter held its bi-annual election of Officers. Those elected were:

Hans Schleifenbaum, DLLYA, Chairman  
Dr. Gerhard Jacoby, DL3ME, Vice Chairman  
Albert Leinemann, DL9AR, Secretary

A chronicle of the history of the German Chapter was presented to the members present...also, an album with many pictures, some very old, together with more recent pictures was shown. It is planned to have the album increased in size and updated regularly.

The next QCWA meeting is June 30, 1979, in Friedrichshafen, at the HAM radio 1979/IBO Fair. Hope to see you all there! Hans, DLLYA

ALL BALLOTS IN THE QCWA GENERAL ELECTION MUST BE RETURNED SO AS TO HAVE THEM IN THE TELLERS HANDS BY AUGUST 15, 1979. IF YOU HAVEN'T VOTED, NOW IS THE TIME. MARK YOUR BALLOT AND MAIL IT TODAY!

## READING PA CHAPTER

At a meeting on April 19, 1978, at the Grill Fire House, the Reading, PA Chapter elected a new slate of Officers for the next two years. Elected were:

Stew Ringler, W3EYN, Chairman  
Ed Gurtowski, W3BHS, V. Chm  
Kit Carson, W3VMN, Secy/Trea.

Outgoing Chairman Bill Wiand, N3WW, turned the gavel over to Stew who immediately appointed new committees for the next year;

Harold Schearer, W3MB, Picnic Chm with N3AR, Ron and W3EYN, Stew.

Ron Schwendt, N3AR, Publicity assisted by Russ, W3CDS.

Bob Wagner, W3GII, Entertainment assisted by Bill, N3WW & Elmer, W3FQS.

The Chapter welcomed W3UQC, Al Brainer, to the QCWA. The meeting was ended on the happy note of refreshments.. The next meeting will be held at the Sinking Spring, PA Fire House where it is planned to complete plans for our annual picnic. CU there.

Ron, N3AR

-----  
ERNIE ROY, W2RX, SENT INFORMATION AS TO THE LOCATION OF OUR OLD FRIEND, RALPH KINGSLEY.... Ralph was Chief Engineer, Radio Station WBEN, Buffalo for many years. We know that some QCWA members would like to get in touch with Ralph...His address is:

Ralph J. Kingsey  
204 La Guna Villas Blvd  
Apt 8A  
Jacksonville Beach, FL  
32250.

Incidentally, Ernie also helped make WBEN a going concern over the years...and, he was one of the hams who took an early interest in VHF...quoting from "From Spark to Space...the story of amateur radio in Canada"...."in 1937, Ernie Roy, W8XH, Hobart Hyde and Jack Von Scheidt, of Buffalo, set up a 5-meter transmitter & receiver on the highest hill in Colden, New York. At the same time, Harry Lang, VE3ADO, had set up equipment on top of a grain elevator in Port Colborne. The Colden station contacted W8HQ in Elma, NY (a distance of abt 14 miles). They were elated about this and tuned around for other stations. VE3ADO was ready for them, and it was a great day for Harry, when the first 5 meter contact was made between Port Colborne & the USA, over Lake Erie."

Thanks, Ernie, for the note & congrats on that work 42 years ago!

W5EJ

# QCWA NEWS

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## TOKYO JAPAN

ARRL QCWA FOC

TOKYO OLD TIMERS CLUB

# JHTWIX



EX J1ZB AJ4ZZ J1DO J2GX SINCE 1924

Radio W5EJ Confirming our QSO of JUNE 10, 1979 at "730" UTC

with many thanks. Your CW signals were RST on MHz band.

Rig: Yaesu F. line & Mosley CL-33 Hope to see you soon again. Swap foto? Pse QSL Tnx. 73

WAS DXCC WAZ TAROH YAGI USA-CA

3-29-1 KUGAHARA, OHTAKU, TOKYO 146

Pictured at right, QCWA Member Kojiro Nakamura (9111) JHLVOE. Taroh, as a memorial, sent the picture with the following: "Many members of QCWA might still remember the call JHLVOE, Kojiro. He was a very - very old-timer with his calls J1EC & J2HG. He came back on the air in 1969 with his JHLVOE, was very active and a fine CW operator. He was a real DX-ragchewer & had many friends in the USA. He joined QCWA August 7, in 1974. He had been a member only a short time when he passed away during August, 1976, by a heart attack at the age of 68. I miss him! This is the last picture of his life."

-Taroh, JH1WIX-

WE RECEIVE QUITE A PILE OF NEWS-LETTERS EACH ISSUE. THEY ARE RETURNED AS UNDELIVERABLE, DUE TO A CHANGE IN ADDRESS GENERALLY. THE RETURNED MAIL IS EXPENSIVE (40 cents), BUT ALLOWS US TO KEEP OUR MAILING ADDRESSES FAIRLY UP-TO-DATE. IT IS NOT POSSIBLE TO MAINTAIN SUMMER-WINTER ADDRESSES. THE COMPUTER WOULD MAIL TO EACH... DOUBLING COSTS. WE REQUEST THAT YOU ADVISE, BY A CARD OR LETTER, WHEN YOU CHANGE ADDRESS. OUR POLICY IS TO CUT OFF ALL MAIL WHENEVER WE GET A RETURN FROM THE PO, UNTIL WE CAN GET A NEW ADDRESS FROM YOU!

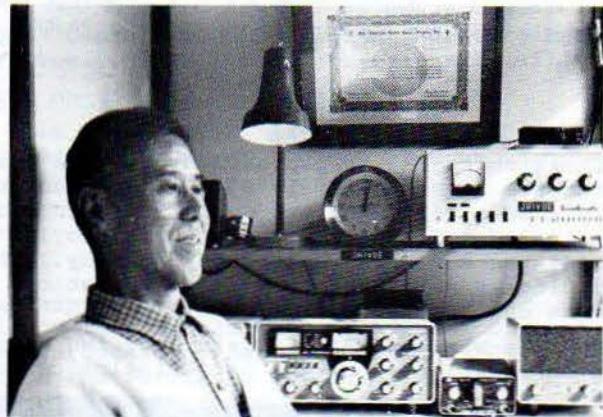


CITRUS CHAPTER QCWA - Chalmers Stromberg, W4WLX, was awarded the MERITORIOUS AWARD in recognition of his outstanding service to amateur radio!

R-L are; Keith Street, G3DKS (making the presentation), Chalmers Stromberg, W4WLX, Bob Ragsdale, W4AJX and, C. H. Summers, W4AR. Chalmers is the immediate past Chairman of Citrus Chapter!

Taroh Yagi, JH1WIX, wrote a fine letter in which he commented on QCWA, the News, and other matters of interest. The QSL card at the left is an attractive 2-color, the left side in blue, the right in red. Every QCWA member should have one from Taroh!

With the truly excellent conditions now on 40, 20 and 15, Taroh suggests that he'd be happy to make a lot of contacts with QCWA members in the USA and elsewhere.



### THE NEW RIG

How can I get my new rig by  
my wife at our front door?  
The price I paid was high as the sky  
and I still owe a few dollars more.

She said the children need new shoes  
and food in the pantry was low  
How in the world can I break the news,  
to her, it will be a blow.

"I'm only keeping it for a friend,"  
might get it into the shack.  
And once I get the darn thin in,  
my friend never comes back!

"I won the door prize at club last night,"  
might be the best way in.  
But the price I paid was high as a kite,  
was more than our club would spend.

Put an old panel over the chrome,  
take out a bolt or a screw.  
"You're trying to give the junk a home  
and the rig is really home-brew."

You get it in but to your surprise  
sits one like it by your chair!  
You feel real foolish after all the lies  
when she says: "Happy Birthday, dear!"

John Polatty, K4GMU

# QCWA NEWS

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## SOUTHERN ONTARIO CHAPTER

The Chapter's May 12, 1979 meeting held at Gullivers Travel Motel, Stoney Creek, Ontario, was attended by 56 members & guests. President Mel noted the passing of VE3EC, VE3HN, VE3WV, and since the meeting another good friend, VE3YD.

VE3HQT donated a mint copy of "Radio's First Voice" given to VE3JT who produced the oldest QSL card (1922). VE3CO, Bill Choat, spoke on the Blind operators in Canada. Bill is actively engaged with the Canadian Institute for the Blind...

The Chapter's fall meeting will be held in London, Ontario, a committee headed by VE3CP, Tom Hunter, will organize the time and location.

It was moved and seconded that the Chapter would donate a sum of money to "QCWA OPERATION GOODWILL." The money has been received at Headquarters and will join that fund to be given the ARRL for its work in the GOODWILL PROGRAM.

Les, VE3QE.

## THE WICHITA FALLS CHAPTER

The Wichita Falls Chapter, formed this year, and Chartered on March 27, 1979, was baptized in fire. Only a week following its Charter presentation, a massive tornado struck the City, destroying homes, buildings, and bringing tragedy to many. The very building at which the charter presentation occurred was destroyed.

Charles Neal, W5NRI, Secretary of the Chapter has sent a picture of the presentation ceremony...



L-R are: Charles Neal, W5NRI; Charles Byars, W5GPO; Ray Carlisle, W5JOG and David Combs, W5VJW.

## CENTRAL VALLEY CHAPTER

Chapter #99, Central Valley, held it's spring meeting as a pot-luck picnic in Memorial Park, Delano, Sunday May 20.

Attendance was small, but expected, due to gas shortages in California...however, even with low attendance, a fine time was had by all, good food and much rag-chewing.

The Chapter is planning a membership drive in the fall. A lot of eligible amateurs are in the area, and are fair game for the drive! Work has been done to get members to report their license expiration dates to headquarters, and this is expected to continue.

L. V. Brammer, W6BYH.

Gas has been tight here in Tx too. Long lines and long waits. Don't know where it will end. States such as Texas and California with great driving distances sure have a big problem. Let's hope someone is working on it! --Ed.

## TREASURE COAST CHAPTER

### QUARTER CENTURY WIRELESS ASSOCIATION, Inc.

P. O. Box 3088 Beach Station

VERO BEACH, FLORIDA 32960

The annual Luncheon attended by 53 members and guests, in connection with the Treasure Coast Hamfest at Vero Beach... was highlighted by three important events.

In the pix below, Jerome Dewalt, W3BL, at left, receives his 50 year Continuously Licensed Award from Issac Roach, K4QM, Chapter Chairman.

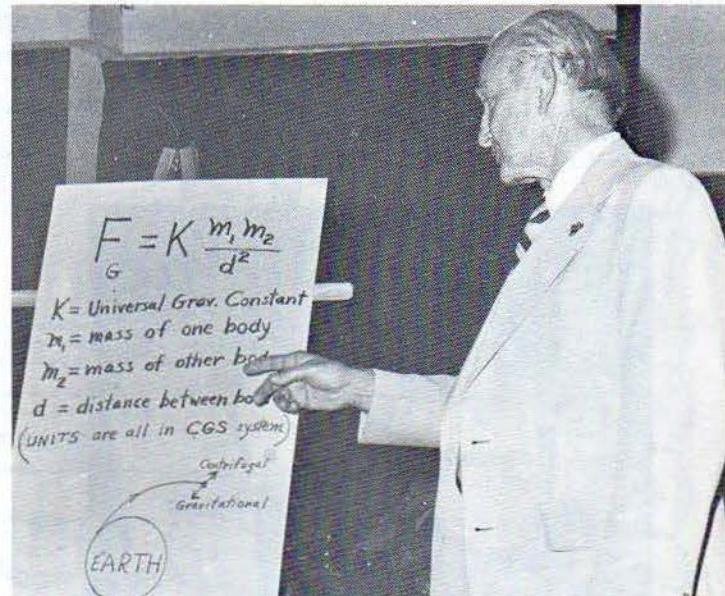


Art Monsees, W4BK, our National Treasurer, was in attendance, and gave a fine talk on the workings of QCWA on the National basis.

O

-- PIX by WLSX --

And, below, Lew Sieck, K4NE, A student of Albert Einstein, gave a very interesting talk with displays on SYZEGY!



In the absence of any other candidates, Isaac Roach, Chairman, and George Russell, Secretary/Treasurer were continued in office.

--K4QM--

# QCWA NEWS

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## MID SOUTH CHAPTER

Memphis, TN --- Such a great time was had at the first meeting of the Mid-South QCWA Chapter, the group voted to hold dinner meetings monthly, rather than every three months as originally planned. 29 members and guests attended the May meeting!



MID-SOUTH QCWA CHAPTER OFFICERS (From left); President, Harry Simpson; Secretary, John Polatty; "Founder" Dave Goggio; and Vice President, Jack Parnell. Simpson is holding the Charter while Goggio is holding a plaque presented to him for his efforts in getting the Chapter organized. -John-

## COLORADO CHAPTER

Just under the wire...late news from Lu Oldham, & the Colorado Chapter.

New Officers were installed for 1979, at a dinner meeting at the Union Station. Outgoing President, Stu, WØGW, handed over the gavel to President Sol, WØWSK. The New slate of Officers are:

Sol Abamowitz, WØWSK, President  
Don Spoor, Vice President (WØQS)  
Lu Oldham, WØZJ, Secy/Treasurer

Directors are: Carl Smith, WØBWJ; Warren George, WØOJ; John Hamilton, WØMDS; John Scott, WØQIH; Lou Bissey, WØPDV.

Prexy Sol has a bunch of ideas for an interesting and informative year ahead. One new activity will be a breakfast for QCWA members, xYL's, and prospective members. The informal get-to-gether will be on the second Saturday of each month, beginning in July.

The Chapter meets each Sunday, 1000 hours, MST, at 3905 MHz. Please check in! The net is informal & provides an easy way to keep up with your buddies!



In the pix, Stu Edmunds, WØGW congratulates Sol, WØWSK on his election at President!

-Lu, WØZJ-

## NORTHERN CALIFORNIA CHAPTER

The Directors meeting on April 22, 1979 was quite productive. All Directors plus two past President and guests were present. Discussions were held on membership, net-control stations and the annual picnic scheduled for August 19.

The Chapter welcomes several new members, with more to come. Floyd Worth, W6ZOH; Paul Wolf, W6RLP; & Preston Reed, K6DMF have recently joined NORCAL... Ben Wambsganss, W6WOY and his wife are both ill. Chapter members wish them both better health soon.

Golden Certificates, or endorsements have been issued to the following members:

C. J. Jacklin, W6IXJ; Otho Lawrence, K6CAY;  
Tony White, W6QH; Chuck Pope, K6KF and,  
Gordon Leonard, K6CA

The QCWA Century Club Certificate went to member F. B. Greely, W6NW...Congratulations to all!

Chapter on-the-air meetings as follows:

146.25, simplex, Saturdays at 10:00  
3771 kHz, CW net, Sunday 0900  
1835 kHz, Phone, Wednesdays

-Bill, W6DVB-

## THE SAN DIEGO CHAPTER

The Chapter planned a May 20th meeting at Caesars Mission Valley Restaurant, with Guest Speaker, Mr. Andre Rodrigues, of San Diego's MEDIVAC, who will speak on the Paramedic program. Members were looking forward to learning of this fine program.

John Griggs, ARRL Director, W6KW, contributed a fine 1926 wavemeter to the Chapters Antique Wireless display.

The Chapter has discussed the matter of QCWA eligibility matters, particularly concerning that of a member who lets his license lapse. Members were urged to write headquarters with their opinions to be presented to the Board in September.

George Mitchell, K6ZE, operating aboard a super tanker, wrote of the amenities for radio officers that did not exist in the old days. Dick Shanks, W6BZE, is completing his home-brew linear. It has been on the assembly line for some time, everything has been put together, and it is a beauty. We'll bet it worked as well as it looked too!

Si Morrison, W6OSD, wrote a long and interesting letter covering his thoughts on many matters. If we were to receive many letters of this type, we'd be much smarter, and QCWA would be an even better organization. Si commented thoughtfully on things of importance to the Organization, we thank him.

## CENTRAL FLORIDA CHAPTER

Charles Chapman, W4SVB, wrote of activities in the Lakeland area. Charles has been under the wx, but is OK now. Reporting on the April meeting:

Floyd Woolum, W4FTH, presented a talk on Communications." At the May meeting, Stark Totman, W4YB, presented the program.

Chapter elections were held with the following being elected for the 1979/80 term:

Bob Webb, W4NY, President  
Ray Andrews, K4FEI, Vice President  
Charles Chapman, W4SVB, Secretary  
Al Streling, W4OFT, Treasurer

# SILENT KEYS

K2LT	WILLIAM S. BARNES
W2CO	W. A. COBB
K2HW	EDWARD T. FARISH
W2JOJ	JONAS E. DAYGER
W3HDX	ARTHUR E. CLAUS, JR.
W4BNI	RALPH F. COADY
K4JPC	HARRY D. YOUNG
K4KQY	G. G. FEINBERG
W4NE	JOHN H. WEBB
W4RP	HARVEY R. BARTON
W4UMV	HARRISON G. ADKINS
WA4VWY	WILLIAM E. RABENHORST
W4ZR	MARK SWANSON
W5EOS	JONAS KIRK, SR.
W5KW	D. F. GREGORY
W5MMH	HUGH V. SMITH
W5TPS	NATHAN E. WILCOX
W5WI	OREN B. GAMBILL
K6CDJ	RAYMOND A. LOWE
W6IHK	WILLIAM A. MYERS
K6KT	WALLACE E. FRANCISCO
W6UG	L. F. LYNDE
VE3WV	J. ARTHUR BEYNON

W7BVB	GEORGE C. HOWARD
W7CCT	JOE MYERS
W7CDC	HAROLD E. WALLIS
W7GX	GENE TRAVER
W7HXC	WM. A. WACHSMUTH
W7JZG	CLYDE A. SWENSON
W7LDS	E. B. HALE
W7LM	GRANT MASSIE
W7LQ	THOMAS R. RUNNELLS
W7USO	DAN BARNEY
W8GHL	H. ROWE KINNEY
W8HGI	CLAYTON W. GILLIES
W8ZMO	RUSSELL V. ANDERSON
W9AFQ	RALPH M. BILLINGS
W9BAV	JAMES M. CLARK
W9EWH	F. F. WINGARD
W9MNO	AL WALTERS
W9MTW	WALLS C. SHREFFLER
WØAS	GEORGE R. SCRIVNER
WØISZ	ORVILLE A. MORGAN
WØPNJ	JAMES A. BROWN
WØSX	ELMO W. PHILLIPS
VE7UP	GORDON ARMSTRONG

## CANTON, OHIO CHAPTER

The Chapter's February Meeting was held at Ruslees, it was cold at 4 above. roads were dry with snow piled high in the park-lot.

31 members and guests braved the weather.. Attending for the first time were Done & Dorothy Shirer, W8QBF, altho they have attended before as guests.

Dewy Emery, W8SL & Richard Wolfe W8IKT are now QCWA Members....we were pleased to have Del & Betty Labo, W8SJC present after a long absence. The food was good!

Len Riegler, W8DNC & Dewey Emery W8SL received Golden Certificate awards. Hope to get a picture at the June meeting.

The Chapter participated in the drive to get members to register for license renewal reminder service...more than half did so!

Henry - W8OYV

David Lyman, W8LCY, sent two nice callbooks to help fill out QCWA Library files. Sure thank him for the gift, and if you have a few laying around, bundle them - send them out. Even if we get a duplicate or two, no harm...they do wear out as we us 'em hard!

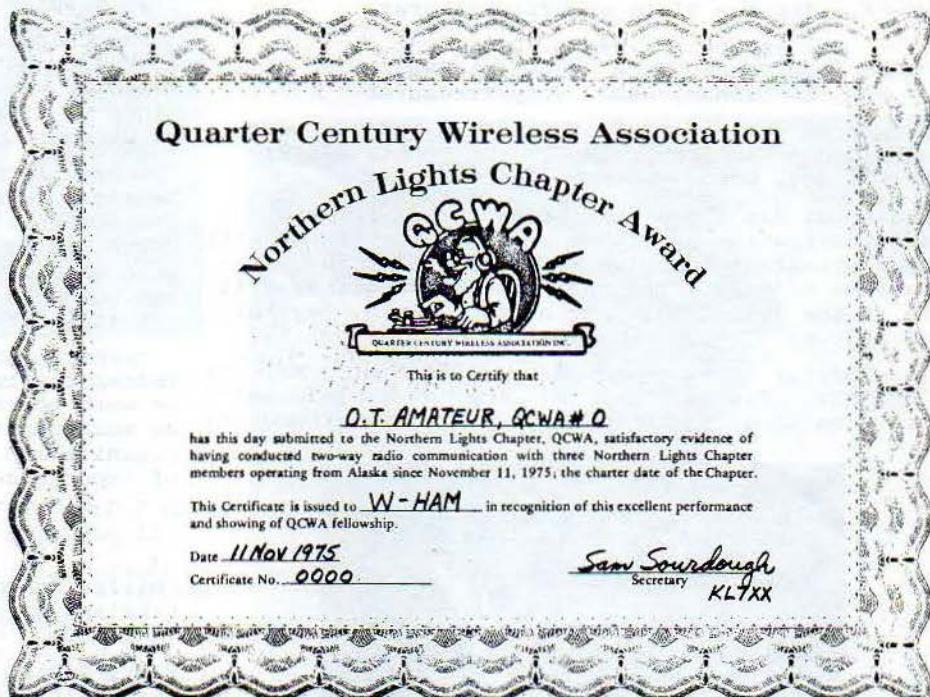
Thanks Dave! - W5EJ

Don Strong, W7IM, from the Great NW, wrote a nice letter, and did us a favor in connection with a bunch of addresses for QCWA members. Don is busy as the dicken with being Prexy of the Lions Club, handling communications wk in the area and hamming. Don is a young 70!

George Fulffs, Jr., AA4GR, wrote a nice note on activities around the Lynchburg, VA area. Working to get a QCWA Chapter going. And a short time later made formal application for a Charter, which was granted. A formal announcement can be found in the NEWS... George is a go-getter. With the help of a great gang the Central Virginia Chapter is now a reality!

Carl Long, WØPJW, wrote a word on the small type used on some of the NEWSLETTER material. His comments were in agreement with all of those received...don't do it again...can't read it! Carl, I promise, never again! Thanks for writing, and we'll see you in Boulder this summer.

W5EJ



THE NORTHERN LIGHTS CHAPTER of QCWA sent out a nice newsletter with a complete chapter roster included. Pictured above is a certificate you can win from the Chapter, and you'll earn it too! Hal Devoe is still rambling around in his motorhome, John Trent went to Boston & is proud of his xYL showing in the Boston Marathon. As mentioned a bit earlier, we visited with a Chapter member, Andy Clark, at Paris Texas about a month ago, and kinda feel like he misses old AK... We don't have a vote, but hope you keep up the Chapter News John!

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## UPPER MIDWEST CHAPTER

On May 17th, 1979, the Upper Midwest Chapter held their meeting at the Midway Motor Inn, in St. Paul, Minn. 47 members and visitors were present including four xYLS. The new slate of Officers elected for the coming year are:

Roger Olson, WØWM, President  
Ben Swewzey, WØRAG, Vice President  
Frank Moser, WØSNX, Secretary  
Louie Sheekanoff, WØBPR, Treasurer

Claud Stevens, WØCDV, was presented his 50-year Certificate. Gar Anderson, WØGA, our district representative for ARRL, presented us with the latest information on activities at ARRL, FCC & WARC.

Door prizes were won by Stan Allison, WØIB; Jim Stodolka, WØTIV; Fred Kline, WØLJT; Roy Nordas, WØVSA and by Harold Boyce, WØQF.

--Fred, WØLJT-

## EAST TENNESSEE CHAPTER

The semi-annual meeting was held May 5, at the Alexander Motor Inn at Oak Ridge, TN. 50 members & guests were in attendance. Dave Stewart, W4AFI, spoke on "How I got started in ham radio." Ed Westcott, W4UVS reviewed his part in the Jonestown affair..telling how amateurs can monitor and help keep amateur radio what it should be.

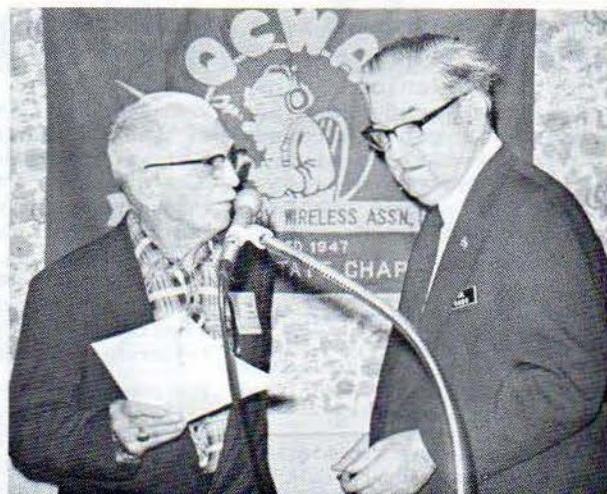


In the pix above, L-R are: Phil Ewald, W4EWR, presenting the 58 year endorsement to the Golden Certificate of Forrest Pilgrim, W4JD.

The next Chapter meeting is set for November, 1979, at Pigeon Forge, Tennessee. ..Bob, W4HHQ..

KL7GCH, ole Pal Casey wrote letting us know that UX-210 was not a Cunningham number (see cover of the Spring News). Also, being a very modest Alaskan, continues a barrage of propaganda about how small Texas is compared to AK... Incidentally, we saw and visited with KL7AHB over at Paris, Texas about a month ago...sent wishes for everything good to the NLC.

## PALMETTO STATE CHAPTER



The Greenville Luncheon meeting, March 17, 1979 was enjoyed by those in attendance (71). Some of the activity included awards...at the left Ben Team, W4DX, accepts the QCWA Certificate awarded to Ted Ferguson, W4BQE, for working 500 QCWA members. The Award given post-humously, by Cecil Sills, W4HDO, The Chapter President.

Ted had won Certificate #1, for contacting members in the 50 states & had been awarded a QCWA Certificate for contact with 60 Chapters.

Guest speaker at the meeting was Michelle Bartlett, NIAGD, of the ARRL membership services. She writes the Washington Mailbox in QST and is Assistant Secretary of the ARRL Foundation.

The next Chapter meeting is at Charleston, July 28, 1979, as a part of the Charleston Hamfest.

In the picture at the right.. Wade Holland, W4AZT (at right) presents the 50-Year Golden Award to Bannie Steward, W4CE.

Bannie has been active through the years. He is a past-president of the Chapter, and he has held the same call from the beginning..

--Clark, K4BGN.



## Evergreen Chapter



Bob Morrill, W7BMK provided material on activities at Evergreen....

At the annual meeting in October, 1978, it was voted to hold two general meetings a year instead of one. The Spring meeting was set for May 19, at the Northshore Motor Hotel, Coeur D'Alene Lake. The Chapter now have a total membership of 93. A fine roster of member names and information has been prepared. Weekly on-the-air meeting time is 0730, local, 3985 mHz, with W7MKN as NCS.

--Bob, W7BMK--

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## MICHIGAN CHAPTER

Vern Sherman, W8MX, Secretary of the Chapter sent a fine report...too good to edit:

Annual meeting, May 16, 1979...."For chicken dinners Frankenmuth in Michigan's the 'most,' and 60 dit-dah pilgrims gathered there to gab and toast dear Silent Keys, and auld lang syne, and nickel Cracker Jacks, loop modulation (bang the mike!), & bless the power-pack. We cast our secret ballots for new officers and I'm our new Sec again, dear QC News, for nineteen seven nine."

The Michigan Chapter elected their 1979 officers (either by secret ballot, pop-custom, or acclaim) at a dinner meeting at Frankenmuth, MI, 5-16-79. There was a contest for the office of VP, in which Lyle, W8DIV ran a hot second. In the absence of President Gary, W8GJH, Leo, W8CPY, VP, officiated for the business portion of a highly festive meeting.

The Carling Brewing Co. has its main plant just two blocks away and offers free plant tours. Their opening PR talk is given in an attractive tap-room featuring free beer & pretzels. Two fellow hams in our group plead "fatigue" and sat out the meeting right there. You'll be relieved to learn that by tour-end, both had made a remarkable recovery. I wish I'd made it a three-some!



In the pix above, all newly elected Officers stand for inspection....L-R are:

Ed Trombley, W8CAM, Treasurer  
Leo Vachow, W8CPY, President  
Joe Hassett, W8PVB, V. President  
Vern Sherman, W8MX, Secretary.

-Vern, W8MX

Pix By Bob, K8ACO! -----

## NORTHERN VIRGINIA CHAPTER QCWA

The Spring meeting of the Chapter was held May 1, 1979 in Vienna, VA, with President Bill Miller, K4MM, presiding.

Business included a unanimous decision by the Chapter to affiliate with the Foundation of Amateur Radio. Trustees chosen were: Bill Miller and Jack Kingman.

Vic Clark and Bill Grenfell gave brief reports on League matters and goings-on at the Dayton Hamfest Emerson Mehrling provided an update on Headquarters Hot Line Report. Brief comments were made by Nat'l QCWA candidates Ethel Smith and Hugh Turnbull.

Guest speaker was Ray Spence, W4QAW, recently retired FCC Chief Engineer. Ray provided status reports on several current petitions. The question and answer session pertained to the new FCC exams.

Next Chapter meeting is August 14, 1979 (Tuesday)  
-John, W4HU

## RAZORBACK CHAPTER

The Chapter Spring meeting was held May 12, at the Sheraton Inn, Fort Smith. 42 members & guests were present.

President Smith, W5KL, called the meeting to order...minutes of the 1978 fall meeting were approved. The treasurers report was approved. Call sign nameplates for Chapter members were discussed, with the colors white on red chosen. Other announcement included the Oklahoma Hamfest, July 28-29, and the Little Rock Hamfest at the Fairgrounds, August 4-5. The Jonesboro meeting is August 18-19, where the FCC is expected to give exams. The Razorback Chapter fall meeting is to be at Harrison, Saturday, October 6, With Bob, W5MYZ, in charge of activities. John, W5BED, was applauded for his efforts to arrange the summer meeting.

The program featured antique radio, a spark transmitter, old callbooks and other vintage items presented by M. L. Young, W5QKR, of Hot Springs. WSMCJ, Jerry, of Norman, OK, displayed his collection of keys, sounders and relays. These programs were thoroughly enjoyed.

WSHT, from Dallas, was a visitor, and it was announced that Ralph, W5FUD and Dan, W5SMN, were both in the Fort Smith Hospital. George, W5EEJ is recuperating from a shoulder operation...we all hope you fellows are well on the way to recovery at this time.

New members to the Chapter welcomed are: W5TQV, W9IHW, W5QKR, W5QFU and W5YGX. Membership now stands at 61. DUZRDU and if your's are, send to Pat, W5POH!

-Pat, W5POH-----

## REMINISCING

Every so often someone mentions Hugo Gernsback.

Most hams got their start in radio reading some of his books and magazines.

Hugo Gernsback was born in Luxembourg. Studied science at the Ecole Industrielle and at Tecknikum, in Bingen, Germany. He came here in 1904 to promote his invention of an improved dry battery, and founded the Electro Importing Company.

He held 80 scientific patents.

He was publisher of the magazine Sexology, and it's Spanish edition, Luz. He started publication of more than 50 periodicals, ranging thru humor, economics, photography, aviation & crime detection

His first publication was Modern Electrics--1908

There was a rich kid living in what now houses the Soviet Mission in New York City, who sold me one of Gernsback's ideas of what a radio receiver should be. Damned if I could make it work, and when I took it apart, it was nothing but a couple of coils of wire on a cardboard form. That Guy turned out some fantastic pieces of junque!

Between Gernsback, and DeForest up at Highbridge the germ took over, and from the day I cut pieces of wire with a paper cutter, and swept out the factory, I was a lost soul so far as radio was concerned.

The big problem in New York City in those early days was the two kinds of juice available. On the east side it was DC and on the west it was AC furnished by United Electric.

Father Ryan of the Irish Immigrant Girls Home at the Battery bought a radio with a DC supply system. I could not make it work and almost quit radio right then and there!

Martin M. Hellman  
61 Scott Avenue  
Staten Island, NY

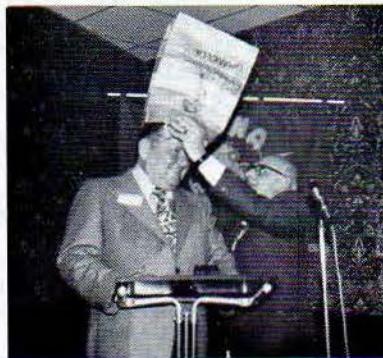
# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## CHICAGO AREA CHAPTER

While many of us are sitting back, taking it easy during the hot summer, the boys in Chi aren't. It was snow, A-deep to a tall giraffe in the winter & now that it's thawed in Chi, they're still working to insure that the QCWA Convention in September is the best ever.

Just to liven things up a bit, Ero Erickson sent a few pictures taken last winter, at the Golden Flame Restaurant, scene of the January 25 meeting.



At left, Moe, W9BOX makes Ero a member of the select group by awarding him the "Polish Umbrella."

Those poor "Poles," just like the Texas Aggies...everyone teases them, & they love it!

Paul Grauer, WØFIR, talks with Phil Haller, WØHPG on matters of importance.

Phil handles Chapter money and here, a smile that indicates the Convention pre-reg is coming along.

In all seriousness, the CHICAGO AREA CHAPTER is really anxious for you to notify them of your intent to attend the meeting, scheduled for Septem-7, 8 & 9, 1979. The Hotel is large, but the QCWA Convention may be only one of six going on at the same time...to insure that facilities are available for all, it is necessary to get your reservation in right now...don't wait, you'll be too late!



## DOGWOOD CHAPTER

Ernie Savage, VE7FB, wrote a fine letter with a bit of joy and a bit of sadness. The Chapter has announced that Bill Sutton, VE7IL, has been awarded his 60-year Certificate. As Ernie wrote, he was planning on leaving for Vernon, BC, to attend the Chapter's annual meeting. He will be travelling in his trailer, and will make a 60-day trip through British Columbia and Alberta, expecting to visit a lot of old amateur friends.

Ted Fowler, VE7VO, suffered serious burns trapped in his burning home. Neighbors were able to get him out, and at this writing he is still alive but in serious condition. Ted was an airforce Officer in WW-II, and had a collection of pictures taken from the air...he was a collector of rifles & other guns...everything was lost!

## CENTRAL VIRGINIA CHAPTER

On June 12, 1979 we received a petition to issue a Charter to the Central Virginia Chapter. The application was completely in order, and a Charter was issued on June 14, 1979, number 116.

The chapter will serve all QCWA members and is located in the Lynchburg region. Meetings are planned for the third Saturday of March, June, September and December, at 12:30PM in the banquet room of Sambo's Restaurant on Fort Avenue, Lynchburg, VA

Officers are:

John V. A. Bush, W4FOD, President  
George Rulffs, Jr., AA4GR, Secy.

Original Charter members were: AA4GR, N4VM, W4FOD K4CQ, W4YKU, W4JUK, W2BNX, AA4FF, W4AVU, W4OBB, K4TM and W4UQ.

Congratulations from all of QCWA! Welcome!

## DAYTON-CINCINNATI CHAPTER

The Dayton/Cincinnati Chapter held it's annual spring banquet in conjunction with the Dayton Hamvention at the Dayton Ramada Inn, April 27. There were 83 members and guests present. Master of Ceremonies was Dan Graves, N8AEC, of Dayton.

Speakers of the evening were QCWA National Secretary, Ethel Smith, K4LMB; QCWA Director Art Miligan, W8KW, QCWA General Manager, Ted Heithecker, W5EJ; QCWA Advertising Manager, Lee Knirko, W9MOL ARRL Great Lakes Division Director, Dick Egbert, W8ETU, and the featured speaker of the evening ARRL President Harry Dannals, W2HD, who gave a very interesting update on WARC'79.

There were many interesting & useful door prizes awarded, and a raffle drawing for a pair of beautiful hand-made dolls made and contributed by Mary Beam, XYL of Don Beam, W8JPQ.

Ted, W5EJ, presented a Golden Certificate Award to Chapter Vice President, Chick Doty, W8CXM. Many guests were from out of state...New York, Virginia California, Delaware, New Jersey, New Mexico, Texas, and many others were represented.

At the QCWA booth at the HAMVENTION, many guests signed in the register and about 250 applications for membership were given out with 12 new members signed on the spot.

-Chick, W8CXM-

Al Simmons, W6MI, sent some material following his trip across the world. In the picture below taken at the shack of ZS6IW, Johannesburg, South Africa. Al reported that ZS1JD invites US hams to visit...



THE CENTRAL CALIFORNIA COAST CHAPTER

The Central California Coast Chapter held its Spring meeting at the Golden Tee Lodge, Morro Bay, CA., on March 24. Some 30 members and guests attended the breakfast meeting. New Officers were elected. They are:

Mike Crumb, W6KHY, Chairman  
Ralph Agee, W6ZEK, V. Chm  
Charles Weir, W6UA, Scty/Treas.  
Harriet Amborn, N6HA, Historian

It was voted that the newly elected Officers were to serve two-year terms.

The Chapter has provided a fine membership directory. On the air net is 10 AM, local, Saturdays on 3917 kHz, with W6JTA as NCS.



Above, a general view of the meeting! No Snow!

DETROIT METRO CHAPTER

The Detroit Metro Chapter finished the 77/78 season with a meeting May 16, 1978. Meetings are held each second month. The November meeting featured Dick Cotton, W8DX, who talked about his work with the FCC covering 41 years. He spoke on OSCAR and how to track them too. The January meeting was cancelled due to weather, and rescheduled for February. The speaker was Edmund Galazka, WB8WTB, research assistant at University of Michigan, to speak about electronics in medicine, virus and other interesting subjects. Richard McNutt and Kurt Schmeisser, W8LZV were re-elected as Secretary and President (Dick is W8CAT). The March meeting featured Dick Spisko, WA8WMT, who spoke on his recent trip to the USSR... The May meeting featured slide of the AWA Museum, with commentary by Ken Stecker, W8SS

The Chapter wishes to thank Larry Biehl, Operations Manager of Station WXYZ, and all who make it possible for us to use the stations facility for meetings. The Chapter extends a welcome invitation to all QCWA members who can get to us to visit and enjoy good comradship. OOTC and all others come along!

- Kurt, W8LZV-

ATLANTA CHAPTER

The February 23 meeting was held at Bonanza, Stone Mountain, Georgia. Al Roloff, President called the meeting to order at 8:30PM. Discussion of participation in the Atlanta Hamfest brought agreement that a booth would be manned. K4VN and K4HYY were appointed to assist VP W4HL in preparations.

Bob and Kathleen Duggan, N4IA, presented a fine slide--lecture covering their visits to the Soviet Union over several years. The group participated in a question/answer parley.

K4IRD displayed a number of antique wireless items...K4BIW, demonstrated a telegraph key & sounder and K4VN displayed a collection of radio-dials. A fine meeting, enjoyed by all.

A total of 30 members and guests were in attendance. Among them were newly licensed Mildred Croom/K4GCV! -Ed Mitchell-

METRO NEW YORK CHAPTER

The Metro Chapter held its May 9 meeting, with 46 present, at Luchow's, in New York City.

Vice President, W2QU, presided in the absence of W2JKB. Door prizes included a callbook, a digital clock and two free dinners. W2AIM gave a report on many west-coast activities

W2AQ reported on inquiries made to the FCC docket pertaining to a proposal which would allow broadcast station to re-broadcast CB & Amateur emergency transmissions. The petition was denied.

WA2RST report on the YLRL convention in Philadelphia scheduled for August 28. Buz Reeves reported on the committee considering ideas for the benefit of Amateur Radio. Nat, W2AIM presented a sound & color film from the NY Telephone depicting "Pathways on the Telecommunication Network of AT & T."

-Dave, W2AUF-

BATON ROUGE CHAPTER

The Baton Rouge Chapter held a combination family picnic and business meeting on Saturday, May 19... Everyone brought their own food & cold drinks and a real fine time was had by all.

During the Business meeting we elected new Officers for the Chapter - serving a 2 year term:

E. B. "El" Charlton, W5MD, President  
Wesley "Wes" Chatellier, W5DPM, V. President  
O. D. Ricks, W5DUS, Scty/Treasurer

Board members elected were: Paul Parker, W5LKQ, & M. W. "Kirk" Kirkpatrick, W5KYC. A formal inauguration will take place in September, but they're all serving in office now.

As our new Scty/Trea is pretty well tied up in the Convention, please send all correspondence to me until after the Convention...73 to all.

El - W5MD



In attendance, April 27, DAYTON HAMVENTION, at the QCWA Banquet, L-R; Mrs. P. D. Houser; Mrs. & Mr. Harold King.

BALTIMORE MARYLAND CHAPTER

The Annual Old-Timers Get Together Dinner, held May 5, 1979 at the Quality Inn, near Westview Mall was a meeting open to members, friends, guests and was well attended. The speaker of the evening was Mr. Robert Mroz, of the Baltimore FCC Office, gave a talk on "The FCC and Its Enforcement Role." It was an excellent talk, appreciated by all.

The meeting featured the regularly fine menu.... the Social hour preceding it had properly adjusted all attitudes. A delightful evening!

-Clay Sandhofer-

## Cindys Chatter

Great day in the morning! Summer is here and no gasoline to go anywhere...mercy! So let us concentrate on what we can do for the good of mankind through amateur radio. We are the heirs of all that has been accomplished, all the wonderful things that have been done to improve communications, of the fulfilled dreams of inventors, innovations in communications that have expanded our knowledge in space and that will provide added opportunity to uphold the ideals set by our predecessors...the promotion of international goodwill and conducting our activities in such a manner as to warrant the respect of our Government.

Throughout history women have supported and contributed to the well-being of mankind. Their work in the amateur fraternity is no exception...you may find women serving as NCS of traffic nets, ragchewing nets, etc. Women have also made many contributions to the technical field.

I am proud to highlight the activities of a YL who needs no publicity...her life has been publicity! I feel sure your heart will swell with pride as you read of her contributions to our fraternity. She enjoys all facets of radio, but her real love is the joy she brings to someone from a service-man far from home via her phonepatch. She belongs to A-1 Operators Club and holds a 35 wpm certificate! This very special YL is Lenore Kingston Jensen, W6NAZ!

Lenore earned the call W9CHD in 1939, while performing in radio dramas at NBC, Chicago, during the "Golden Days of Radio." Engineers taught her theory while she practiced drawing schematics on the backs of scripts. Learned CW with an Instructograph, as did many at that time. Went on the air with a 6L6 Utah kit on 40 CW. Was one of the 13 YLs to answer Ethel Smith's letter of wonderment in QST, which resulted in the formation of YLRL.

Lenore moved to New York City in 1940, married W2MSC and became W2NAZ...got a modulator, continued working in radio and became a sort of "pioneer" in TV at NBC in 1941, doing interview shows. She taught CW operation at the American Womens Voluntary Services which specialized in Civil Defense work. Come Pearl Harbor, TV stations went off the air, except for instruction to Air-Radi Wardens, in which she also participated.

In 1947, Lenore returned to her native Los Angeles and was lucky, obtaining the call W6NAZ. She continued producing and appearing in her own TV shows, plus working as an actress in films and commercials.



Lenore at her Station, W6NAZ. With a smile like that, Bob's a lucky man! Photo by Bob, W6VGQ

In the 1950s she discovered phone patching for overseas servicemen, from Greenland, Okinawa, Japan, Antarctica & floating ice islands near the North Pole. Became smitten with the drama of it all. In 1961, Ralph Edwards surprised her on "This is Your Life," bringing a few of servicemen to the program, as well as JA1AA. Since 1967 she has patched for Army MARS, racking up nearly 50,000 completed calls, and she's still at it!

Lenore's first husband died and she later married Bob Jensen, W6VGQ, also a broadcast engineer and long-time friend. (He made her first photographic QSL in 1939). They enjoy making slide-and-sound shows and present them to clubs frequently, such as, "Recovery of Apollo by a TV Crew." ... "Vikings for a Week," ..."From Marconi to the Hollywood Squares," and so on. For several years Lenore has been a PRA for ARRL, "struggling" to get publicity & news coverage for ham radio. She and Bob have made public service announcements for ARRL by Bob Hope, Dick Van Dyke Lorne Greene, Edgar Bergen, Darryl Dragon and so on. She has started a "Community Relations" net in Los Angeles.

She has conducted various PR seminars and been a featured speaker at clubs and conventions.

Both Bob and Lenore are active with the Pacific Pioneer Broadcasters, a group of professionals in Hollywood which maintains a huge collection of old radio programs. It also stages high luncheons honoring stars. Bob has a personal collection of old microphones. His father was a radio pioneer from Lincoln, Nebraska, starting in 1906.

They live on a hillside overlooking the San Fernando Valley, under a tower and beam. Rig is the S-line plus assorted two-meter gear. Lenore is a believer that Amateur Licenses are not "free tickets for pure selfish fun," but that we all owe some of our time to public service in return for the privilege of operating!

AREN'T YOU GLAD YOU'RE A HAM?

Happy Operating  
W5ZPD-Cindy

### CENTRAL OKLAHOMA CHAPTER

The Chapter takes a good deal of pride in the attendance records of a number of members for the on the air meetings each Sunday morning. During the first quarter of 1979 twelve members had perfect records of attendance - W5WL, W5TY, W5RB, W5OZE, W5NL, W5NDJ, W5JJ, W5HZD, W5HFU, W5DDI, W5COE, and W5AA. Runners up, missing only one meeting were: W5JCK, W5IQ, W5FW, W5EHR, W5EIO, W5ATO and W5AS... I counted 13 Chapter members at the recent Lawton-Ft. Sill Hamfest, where we enjoyed the hospitality of our friends there.

John, W5COE, has been named Chairman of the nominating committee which will provide a slate of candidates for office for 1980.

Members of the Chapter are urged to contact George W5DDI, Treasurer, to make certain that their dues are paid up. The budget is pretty slim, and it's hard to keep up mailings with an empty treasury!

-Ralph, W5AA-

### NORTHWEST CHAPTER QCWA

The Chapter's April 28, 1979 dinner at Centralia, had 48 members and guests in attendance. The meeting program was given by Rusty Johnston. It was a slide illustrated talk on "Antiques & collectibles." Everyone enjoyed it greatly.

The June meeting is scheduled for the 9th, at the Holiday Inn, between Tacoma and Fife, WA. Featured speaker will be Howard Lorenzen, W7BI.

-Hal, W7PN-

THE STORY OF KM1CC

In the year 1901, Marconi came to Cape Cod to establish the first wireless station in the Western hemisphere. This station later became WCC. When the plans for a memorial amateur operation were being formulated by the members of Barnstable Radio Club, under the leadership of K1VV, it was decided that the basic theme of the operation would be the celebration of the 75th anniversary of the first radio transmission across the Atlantic from America to England. On January 18, 1978 at 8 PM, local time, exactly 75 years later, messages from that famous night were retransmitted on CW, SSB, RTTY and ATV. KM1CC made over 7500 contacts worldwide during the week, Jan. 14-22. The Club hosted visits from more than 3000 people who saw the operation and the exhibit at the Cape Cod National Seashore..where the site is located.

CW was sent by buzz boxes (the 450 cycle note of the original CC station). It was sure nostalgia for old timers who had copied the note from 1903 through 1917. At the exhibit is an old 6" rotary spark transmitter with a coherer receiver. If you ever get up that way ask the attendant for a demonstration and listen to some damped waves. Many hams came to work the station and enjoyed the cold windy wx as Marconi certainly encountered. The tone you heard on CW was an audio oscillator (specially licensed by FCC) with a low frequency note. Try it, you'll like it. W1GAY was QSL manager and he tells of many cards received from CW contacts with reports of 599 -- really it was more like 593. Hi. Ted, I was there 5 days working 15 & 20 SSB, and on big day, January 18, worked 20 SSB DX only. It was a big thrill as it started my 43rd year in ham radio. Figure they had a good call sign in today's language for their QSO manager.. Also took care of OOTC while we were about it. Duncan - W1GAY

IN MEMORY

Edward G. Bowley, W2VLH, made a gift to QCWA, in memory of his old pal, George Beck, W2CE. The gift was given in memory of many happy times and QSO's. George passed away on February 1, 1979.

The gift has been assigned to the QCWA Scholarship fund, where it and the income from it insures that some young man or woman has financial help in the future.

**New Members**

2-23-79	12,939	Joe F. Ward, Sr.,	W5AAC	Iowa Park, TX
	12,940	Les Dunn	W5ILK	Electra, TX
	12,941	John (Johnny) Adams	W5BAH	Wichita Falls, TX
2-24-79	12,942	John E. Stone	WD0FPA	Chesterfield, MO
	12,943	Frank P. Jenkins	W7QOM	Longview, WA
2-25-79	12,944	George Newton	W5MQW	Wichita Falls, TX
	12,945	Robert E. Zimmer	K4JZB	Coral Springs, FL
	12,946	Grover C. Cobb, Jr.	W4YZX	Raleigh, NC
	12,947	Leroy Arvid Bates	W7HXG	Portland, OR
	12,948	Jay J. Nathan	K2HVM	Woodmere, NY
	12,949	John A. Reinke	AB6I	Casselberry, FL
	12,950	N. R. "Kit" Kitterer	W6AUF	Lincoln, NB
	12,951	Stephen G. Skarupa	W1WKW	Melbourne, FL
2-28-79	12,952	Lonnie G. Bingham	K6CBN	Long Beach, CA
	12,953	Henry J. Dembinski	W9CTE	Chicago, IL
	12,954	Arthur Ludlow	W8TXZ	Lorain, OH
	12,955	Charles C. Castle	W4DNM	Ft. Pierce, FL
	12,956	Austin E. Candy	VE7KX	Richmond, BC
	12,957	Jerry Dunlap	W4COY	Gleason, TN
	12,958	R. Larry Martin	W3IBO	Rockville, MD
	12,959	William D. Croom	W4PWR	Lilburn, GA
	12,960	Edwin A. Fensch	W8SOU	Mansfield, OH
	12,961	James T. Lammon	W2SAF	Yonkers, NY
3- 1-79	12,962	Dale S. Sinner	W6IWO	Fountain Valley, CA
	12,963	William P. Frame	W0PKT	Hershey, NB
3- 3-79	12,964	Carl H. Dahlberg	N7AGK	Bonners Ferry, ID
	12,965	Joseph Kwietański	W9UTD	Chicago, IL
	12,966	R. Y. Costain	W9COOK	Englewood, CO
	12,967	Herbert V. Nordholm	W1IAO	Greenwich, CT
	12,968	John O. Breitler	W5CTL	San Antonio, TX
3- 5-79	12,969	Charles W. Larrabee	KA4EOV	Port St. Lucie, FL
	12,970	John T. Smiley	WA4PXN	Ft. Walton Beach, FL
	12,971	Howard S. Gould	W8TG	Royal Oak, MI
	12,972	Robert C. Hover	W4CJV	Cape Coral, FL
	12,973	Lawrence O. Sutton	W4PRE	Dunnellon, FL
	12,974	J. R. Milnor	W0LR	Minneapolis, MN
	12,975	Clifford A. Bruce	W7ER	Scottsdale, AZ
	12,976	Earle A. Petersen	W9AHO	Barrington, IL
3- 7-79	12,977	Edgar H. Schnell	DL6MK	Ahnatal, FRG
	12,978	Charles F. Werner	W4MJS	Hollywood, FL
	12,979	Jack W. Brummitt	KA4CLJ	Memphis, TN
3- 8-79	12,980	Donald Retzlaff	W5MIY	Dallas, TX
	12,981	Jack Markland	W5EXS	Austin, TX
	12,982	Glenn E. Merriam	W8FMQ	Cincinnati, OH
3- 9-79	12,983	Jack Marino	K4FAQ	Ft. Lauderdale, FL
	12,984	Louis Ermi	W7FBT	Tucson, AZ
	12,985	Louis E. Anderson	K0ND	New England, ND
	12,986	Clifford E. Chase	W7HIP	Vancouver, WA
	12,987	Edward "Frank" Tukey	KA2EIO	Toms River, NJ
	12,988	Pat Corrigan	KH6DD	Kaneohe, HI
	12,989	William A. Balsley	W3TTL	Connellsville, PA
	12,990	Vivian M. Bielski	WB6HVC	Brisbane, CA
	12,991	George C. Bielski	WGHNM	Brisbane, CA
	12,992	Garry S. Lewis	W7QQM	Bellevue, WA
3-12-79	12,993	William Dennen	W4CSD	Colonial Beach, VA
	12,994	Albert C. Hodson	W4PJF	Bradenton, FL
3-13-79	12,995	Louis T. Philippi	W9QKR	Northglenn, CO
3-15-79	12,996	Thomas J. (Tom) Neumann	W0NJL	Omaha, NE
	12,997	Vernon H. Fix	W4THN	Virginia Beach, VA
	12,998	Thomas Eugene Peters	W4FWM	Ringgold, GA
	12,999	Ronald J. Golini	W4NDV	Orangeburg, SC
	13,000	Arthur F. Greenfield	W9MTL	Neenah, WI
	13,001	Charles V. Thomas	K5EDI	Hot Springs, AR
3-16-79	13,002	Herbert A. Mulkerin	W8QMT	Brecksville, OH
	13,003	Theo Theofanous	K6EYY	Huntington Beach, CA
	13,004	Jerrie Stonier	K6INK	Burbank, CA
	13,005	Jim Molledahl	W9BI	La Crosse, WI
	13,006	Floyd B. Campbell, Sr.	K7NWC	Nampa, ID
	13,007	Peter M. Hurd	N1SS	Alexandria, VA
	13,008	Charles Stouth	W3ZPP	King of Prussia, PA

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## New Members

3-21-79	13,009	Donald G. Paddock	W4MIC	Vero Beach, FL
	13,010	Donald F. Sumpter	W7VOU	Orofino, ID
	13,011	Robert O. Wilson	W8JRN	Dayton, OH
	13,012	Cynthia Delauney	W6PHT	Scotts Valley, CA
	13,013	Melvin Delauney	W6PIH	Scotts Valley, CA
	13,014	Wm. J. Hueckel	K4RQY	Fort Myers, FL
	13,015	Bob Talbot	W8GNT	Dayton, OH
3-22-79	13,016	Bill Altman	WB7CHU	Hillsboro, OR
	13,017	Benjamin B. Blodget	W1VEH	Washington, DC
	13,018	Kenneth E. Mills	W8RLY	Dayton, OH
	13,019	Robert E. Alberti	W6TTX	San Luis Obispo, CA
	13,020	Isaac Queen	W2OUX	Brooklyn, NY
3-23-79	13,021	Georg J. Boyens	W5FFZ	Many, LA
	13,022	Walter E. Kimball	W1SQY	Westboro, MA
	13,023	A. Lee Maulsby	W3RKK	Baltimore, MD
	13,024	Abe Lincoln	W5IPI	Electra, TX
	13,025	Fred L. Brandon	WØNWR	Kansas City, KS
	13,026	Florence G. Belanger	W9WYJ	Milwaukee, WI
	13,027	Larry Patterson	W7HCB	Faribault, MN
3-26-79	13,028	June Maclean	W4PIK	Orlando, FL
	13,029	Richard H. Maclean, Sr.	W4OZC	Orlando, FL
	13,030	Dick Jaeger	W3DP	Camp Hill, PA
3-27-79	13,031	J. C. Lynch	W4PSA	Winchester, TN
	13,032	Fred L. Roper	W4MAF	Greenville, SC
	13,033	George B. Patterson	W4BNG	Shelby, NC
	13,034	George C. Gingner	W3ULI	Sparrows Point, MD
	13,035	John M. Fisher	K2JF	Pitman, NJ
3-28-79	13,036	Marvin Dooley Lowe	W4HP	Chattanooga, TN
	13,037	Marshall M. Rusk	W5AGE	Wichita Falls, TX
	13,038	James Edwin Totten	W5YJA	Electra, TX
3-29-79	13,039	Sam Moses	W1ASD	West Hartford, CT
	13,040	Steve Toth	W8PTU	Lorain, OH
	13,041	Elsie Jean Lucas	W7SPC	Portland, OR
	13,042	W. J. "Bill" Abbott	NØZX	Omaha, NE
3-30-79	13,043	Marion A. Rauch	WB4RFB	Miami, FL
	13,044	Chas. W. Creaser, Jr.	W1YIT	Hollis, NH
3-30-79	13,045	J. Glen Moore	N5AGY	San Antonio, TX
	13,046	Robert C. Gold	WA2IIB	Mt. Laurel, NJ
	13,047	Claude W. Hale	WØEXG	Wichita, KS
4- 3-79	13,048	Willis J. Robert	W5RRK	Erath, LA
	13,049	Peter T. Marion	W8PBZ	Broadview Hts, OH
4- 4-79	13,050	W. A. (Walt) Porter	VE7WP	Vernon, BC
	13,051	Phil Clements	K5PC	Lewisville, TX
	13,052	Clavin G. Campbell	W51GV	Archer City, TX
4- 6-79	13,053	Gerald C. Larson	W7ASA	Boise, ID
	13,054	Ed Coats	W8GNZ	Fairborn, OH
	13,055	T. C. "Buck" Pipes	W5PLQ	Ruston, LA
4-7-79	13,056	Ray Yarbrough	W5YGX	Green Forest, AR
	13,057	Robert L. Follmar	N4RF	Norfolk, VA
	13,058	Meyer A. Minchen	AG5G	Houston, TX
4- 9-79	13,059	Allan H. Kaplan	W1AEL	Richardson, TX
	13,060	Chuck Perry	W8CEM	North Olmsted, OH
	13,061	Robert P. Myers	W8PLB	Cincinnati, OH
	13,062	Robert T. Brown	W4ESQ	Ooltewah, TN
	13,063	Lester T. Myrick	W1PKV	Natick, MA
4-10-79	13,064	Ed Mehnert	N3NN	Scott AFB, IL
	13,065	Carl S. Rumberger	W3AAQ	North East, PA
	13,066	Samuel Lee Doney	W4DDP	Chattanooga, TN
	13,067	Albert J. B railer	W3UQC	Reading, PA
4-11-79	13,068	Ernst Fendler	DLLJK	Adenstedt, WG
4-12-79	13,069	Paul Joseph Panzeca	W2POQ	East Northport, NY
4-14-79	13,070	Garnett F. Bryan	WØAZL	Sedalia, MO
	13,071	B. G. Bynum	W4USM	Huntsville, AL
	13,072	Rober F. Place	W8ZRF	Ypsilanti, MI
	13,073	G. H. Purdie	W3NDD	Sharon, PA
	13,074	John L. Swafford	W7MEU	Seattle, WA
	13,075	Harold D. Vanderpool	W8IFC	Enon, OH
4-20-49	13,076	Edwin A. Hilbert	N3ACM	Devon, PA
	13,077	John W. Missall	W8ZCR	Dyaton, OH
	13,078	Robert D. Moseson	W4CFF	Phenix City, AL

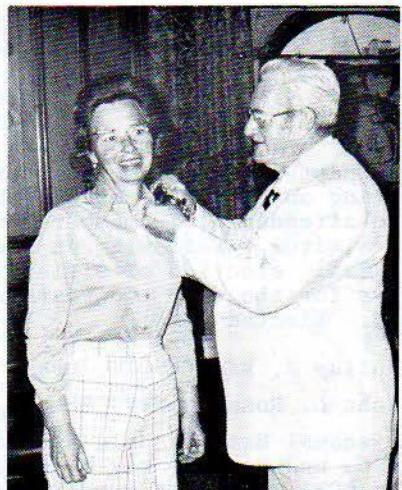
Charles Etheridge dropped a line to say he has a mint Radiola III for sale. Pictured below, it is a nice one. If interested, call or write him, 326 Edgewood Road, Forest Hills, PA 15221



-----  
Bill Jackson, W8EGF, from up in Marquette, MI, dropped a shorty note, going strong, on the air every day with plenty CW. Bill was a pioneer broadcaster starting in the game in Mar. 1929.. He was 9EGF before Michigan went to 8-land. Working with NWR Electronics, and likes his old "bug" which is just the way we like it too.

### EL PASO AREA CHAPTER

Chapter meetings are held on the 3rd Saturday of each Month, 1:30 PM (MT) at Furr's in the Sunrise Shopping Center. On-the-air meetings Saturday mornings 8:30AM MT on 3950 kHz.



In the picture above, taken at the Valentine Luncheon Party on Feb. 17, 1979, Polly Ernst, YF of Charles, W5UED, receives the Red Rose Corsage from the Chapter President, Otto H. Richardson... Rich is expecting to attend the National in Chicago!

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## GATEWAY CHAPTER

James Dixon, W4JL, Scty/Treasurer of the Chapter wrote to send a new Roster of Members, and news of activities. A total of 42 members were listed. The newest member is Maxine Dixon, K4KUU..

Meetings are held on the third Saturday of each month, at noon, at Uncle John's Pancake House, 6139 Beach Blvd. Visitors are welcomed! The Chapter has plans for a QCWA table at the Jacksonville Hamfest, August 4-5, 1979. This Hamfest is at Flag Pavilion Auditorium at Jacksonville Beach.

Officers for 1979 are:

Robert J. Cutting, W2KGJ, President  
Alex H. Hilliard, K4SP, Vice Pres.  
James L. Dixon, W4JL, Scty/Treasurer

On the air meetings are every Saturday morning, except Luncheon days, on 3930 kHz, 11AM...However, during the summer, the net meets at 7230 kHz, and will do so until further notice.

James, W4JL

Harold Tune (2326) wrote to let us know that the small type just wouldn't do..couldn't read it... not even a magnifying glass did the job. Thanks, Harold, everyone who wrote said same thing! We won't get that small again!

Ed Farley, W6EF, Northridge, CA. dropped a line to point out that the 5-meter rig on Vol. 1 cover was not a unity coupled rig. He was right....and, he said to say welcome to K4JY (a new member).. Ed was in the Navy with Al & his old pal W3SW!!!!

## ARK LA TEX

### CHAPTER

The Chapter's regular quarterly meeting on April 24, 1979 with a good attendance, 19 members and one visitor. Following an evening meal, election of Officers to serve for the next two years was held. Elected were:

Julius J. May, W5QIK, Pres.

John L. Ross, W5NFV, Scty

The annual Hamfest held Saturday May 5, and Sunday, May 6 featured a QCWA information booth manned by the Chapter. W5UXS, Ruston, La., and W5MAV of Monroe joined QCWA, and we welcome them as now members. The Chapter had a Sunday Morning Breakfast held at the Holiday Inn, in Bossier City, attended by quite a few & with.

## New Members

13,079	Anna E. Straway	W8QOM	West Branch, MI
13,080	Robert E. Buck	W7IZU	Las Vegas, NV
13,081	John B. McMaster	K5AC	Gautier, MS
13,082	Perry L. Brock	K4JV	Chattanooga, TN
13,083	Joseph A. Worrall	AL7AO	Fairbanks, AK
13,084	Bob M Manning	W8LXA	Parma, OH
13,085	James L. Smith	W7LZA	Clatskanie, OR
13,086	Vernon J. Page	W8EXJ	Muskegon, MI
13,087	Robert H. McCullough	W7SPD	Lakebay, WA
13,088	Samuel Chaikind	W1YBI	Hamden, CT
4-20-79			Holland Patent, NY
	13,089 G. William Henry	W2WNK	Sebastopol, CA
	13,090 Robert Shrader	W6BNB	Idaho Falls, ID
	13,091 Gerald F. Warner	W7RH	Los Osos, CA
	13,092 Roxanna Griggs	K6ELO	Livermore, CO
4-23-79	13,093 Bud Drake	W0IPT	Baton Rouge, LA
	13,094 Obediah D. Ricks, Jr.	W5DUS	North Abington, MA
	13,095 Omar G. Simmonds	W1OUP	Sudbury, MA
	13,096 William H. McSheehy	W1KPZ	Comanche, TX
	13,097 J. C. LaGrone, Jr.	W5PBX	Teague, TX
	13,098 Marion H. Scarborough	W5YDA	Cleveland, OH
	13,099 Les Heisler	W8NCG	New London, NH
	13,100 Robert R. Buckley	W1GUX	East Greenwich, RI
4-24-79	13,101 Robert S. White	W1EDE	Jacksonville, FL
4-26-79	13,102 Maxine R. Dixon	K4KUU	Romney, WV
	13,103 J. George Freeland	W8GSN	Flushing, NY
4-27-79	13,104 Alfred O. Kruhm	K2BSM	Knoxville, TN
	13,105 David H. Knight	W4ZJJY	Reedley, CA
	13,106 Robert A. Bondurant	W6RUJ	Fort Lauderdale, FL
	13,107 Jean Shepherd	K2ORS	Fairborn, OH
	13,108 Richard A. Johnson	W8NUX	Boston, MA
5- 1-79	13,109 Charles Mellen	W1FH	Akron, OH
	13,110 Karl D. Way	W8SAF	Bismarck, ND
	13,111 Robert M. Hart	W0JPW	Brooklyn, NY
5- 3-79	13,112 Charles F. Jordan	W2PRL	Manchester, TN
	13,113 Miller A. Jernigan	W4DZT	Tullahoma, TN
	13,114 Michael P. Jaquish	W4WJH	Xenia, OH
5- 4-79	13,115 Harry Allen	W8GNX	Mountaintburg, AR
	13,116 Robert J. Jensen	W5TQY	Ann Arbor, MI
	13,117 John J. Miskovic	W8CAI	Abingdon, IL
5- 5-79	13,118 Lyle W. Dunlap	W9FCX	Fort Myers, FL
	13,119 C. E. Tony Bowman	W4NLB	Indianapolis, IN
	13,120 Jerry L. Ayers	W9ET	Terre Haute, IN
	13,121 Roland B. Brown	W9RPN	Englewood, OH
	13,122 James A. Canter	W8NEE	Newtown, CT
	13,123 James E. Hausser	K1AL	Independence, OR
5- 9-79	13,124 Vernon C. Sahnow	W7AVV	Fajardo, PR
	13,125 Edward M. Elkins	KA4DXD	Gautier, MS
	13,126 Jack C. Jones	W5LSG	Natick, MA
	13,127 Ransom H. Willard	W1BSG	Chattanooga, TN
	13,128 M. Harold Smith	W4VUW	Coco Solo, CZ
	13,129 David E. Coffey	KZ5DE	Concord, NH
	13,130 Edward F. Everett	W1ALE	Dayton, OH
	13,131 Billy Sellman	W8ZYV	Caracas, VZ
	13,132 Henry E. Gorney	W8PLV	Long Beach, CA
5-15-79	13,133 James P. Keightley	K7NPS	Marthasville, MO
	13,134 Romie T. Hughes	W0VTF	Ashburn, VA
	13,135 Raymond E. Spence	W4QAW	Lynchburg, VA
	13,136 Raymond I. Albert	W4YKU	Monroe, LA
	13,137 Jack Hover	W5MAV	Ruston, LA
	13,138 Dave Cowling	W5UXS	Fall River, MA
	13,139 Norman R. Dias	W1UHY	Centerville, OH
	13,140 John Wesley Haverstock, Jr.	W4BEI	Arizona City, AZ
	13,141 Donald E. Meyer	W8UMX	Bozeman, MT
	13,142 Peggy J. Sullivan	W7WIG	Abington, PA
	13,143 Henry R. Lenz	W3DVY	Etowah, NC
5-19-79	13,144 John H. Storrs, Sr.	W4LNV	Baltimore, MD
5-15-79	13,145 Benjamin Berkowitz	W3IC	Hampton, VA
	13,146 Jim Wise	W4PRO	Tipp City, OH
	13,147 Paul H. Doyle	W8KUK	Grand Ledge, MI
	13,148 Robert F. Nelson	WB8TCF	

## New Members

5-16-79	13,149 Marvin J. Polan	W2MVS
	13,150 Robert E. Welborn	W9PBW
	13,151 Ronald H. Will	W8GGE
	13,152 Marcel Cloutier	W8RKB
	13,153 Edgar A. Smith	W8RKL
	13,154 Jerry T. Mersch	W8MEL
	13,155 Robert Lawson	W8KQS
	13,156 Charles E. Heeter	W8GDO
	13,157 John E. DeFrees	WB3KCD
	13,158 G. William Harker	VE7LX
	13,159 Frank Hogan	W6ISX

### TYLER CHAPTER QCWA

The Chapter's summer meeting was a great success--46 members and guests were in attendance, with food better than ever. The meeting was held in Smith Memorial Building overlooking the Rose Gardens.

President Brooks opened the meeting. Minutes of the last meeting were read, and the nominating Committee presented a slate of Officers. Those elected were:

Edmund Serur, W5CNO, President  
Lynne Hull, W5QWB, Vice President  
Frank Sewell, W5IZU, Secy/Treasurer

Joe Bonnett provided a good story or two, having to do with the theory of relativity. Merle Eidson W5AMK, from Temple, TX, brought greetings from the Austin Chapter.



In the Pix, L-R, W5NYN, W5HT and W5GOO.

### NATIONAL CAPITOL CHAPTER

The first meeting for 1979 was held on Wednesday, May 9. A total of 31 members and prospective members attended. The major item of business was election of a slate of Officers. Those elected were:

Phil Leprade, VE3KN, President  
Bill Haney, VE3BKW, Director  
Vern McCourt, VE3PY, Director  
Doreen Morgan, VE3CGO, Secy/Treasurer

The guest speaker was Jim McIntosh, VE3VI, a young gentleman who's subject was "Early Days of Radio." Jim played for the gathering stereo tapes he had produced of recording of such old radio shows as Amos & Andy, Jack Benny, etc., all of which brought back nostalgic memories of times gone by.

-- Frank Rapp --

..LET A FOOL HOLD HIS TONGUE AND HE WILL PASS FOR A SAGE...

Westbury, NY  
Indianapolis, IN  
Centerville, OH  
Dayton, OH  
Dayton, OH  
Cincinnati, OH  
Kettering, OH  
Verona, OH  
Reading, PA  
Canim Lake, BC  
Carmichael, CA

Len Kerzka, W8IHX, sent a few words on activities in DETROIT METRO CHAPTER... It is suggested that members who love CW might get on the 3663 SUNDAY net..

**IN MEMORY**

Paul Cornell, W8EFW, reports the passing of his beloved xYL Edith on Sunday, March 18, 1979. All QCWA members extend sympathy and wishes of solace to Paul at this time of parting.

### NIAGARA FRONTIER CHAPTER

We wish to correct a statement in the last QCWA NEWS, which incorrectly noted our meetings are held monthly. Our Chapter luncheons are held weekly, every Saturday noon at the Williamsburg Inn, 5447 Main St., Williamsville. We have also set aside the second Saturday of each month as Ladies Day.. A special invitation is extended to any of our "out of Town Members" who might happen to be in the Buffalo area. Its a great chance to meet some of your old on-the-air friends.

We are very happy to welcome a new member, W2DAN of Kenmore to the Chapter. We also have a new Honorary Member, WB2QCK of Niagara Falls and a new Provisional Member, K2ZVS, Orchard Park who becomes our third YL member.

Our official photographer, W2BHQ has begun an album of our Chapter activities. Elmer is doing a fine job bringing old memories back from the past.

W2UMS is recovering from a cardiac in a Niagara Falls Hospital as we go to press. We wish "Ag" a speedy recovery.. W2CUU was also in the hospital, but is now back in circulation again.

The Chapters annual picnic is to be held Friday, August 10, at the summer home of Bob Johnson, W2WVC, in South Wales.

-Bill, W2EWT-

### PALM BEACH CHAPTER

Pictured below are Officials of the Chapter, taken with the newly earned Banner...L-R, they are:

Ed Kooper, W4ZQT, Secretary/Treasurer  
Fred Gildemeyer, W4CW, President  
Bill Phelan, Vice President



The Chapter was Chartered on Nov. 4, 1978, and is already a going concern. A meeting was scheduled for June 26 (this was written on the 25th), with a good turnout expected. The Chapter plans to have meetings all summer long. If you're in the area plan on attending. Watch for time and place info!

# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

ON PAGE 134, OF THE DECEMBER ISSUE OF QCWA NEWS, we published a brain teaser problem, worked up by Bill Kline, W9GWD, of Indianapolis. This has probably been the most popular feature we've printed. Many QCWA members worked it and some worked at it, but all seemed to enjoy it. Bill went to a lot of work to tabulate how everyone did. A few used computers, but most just their heads. On January 2, 1979, the first answer by Keith, W5SQS, came in, correctly done. Those who followed are:

CORRECT SOLUTIONS, WITH METHOD SHOWN: N1FJ, W1CT, W2FDE, W2KFB, W2NF, W2TDN, W2WAM, K3CH, VE3SB, W3QAN, N4CW, N4NB, W4AX, W4NOS, W4SZ, W5ADU, W5EIJ, W5FD, W5HD, W5SQS, W5UBE, AA6C, AC7E, W7SVV, W8DXT, W9GYP, W9ZTK, WØBCT, WØQIH, WØRLQ.

CORRECT ANSWERS, BUT METHOD NOT SHOWN: W1KUL, W2QR, W2PX, W2SF, W3FSP, W3LE, K4ADJ, K4CBQ, N4JC, W4AWY, W4BP, W4LLJ, W4OB, W5AWT, W5GEL, W5RDZ, K6MO, N6HB, W6DQ, W6IL, W6YMH, W7MRX, W8EA, W8GDQ, W8JEL, W9CUW, W9RGRH, W9TAL, WØKH, W41GO.

Those who missed, either by a slim or large margin were: W4GH, W7KXZ, W8MX, W5JL, W2WLO, W2WW, WB7NGI, W2CDS, W4ANL.

A short time later, a few added solutions had arrived, and Bill sent them to us. Those with correct solutions & method shown were: W1TSN, W2BAI, W4AI, W5QPH, W7AIX, W7LTM, W8KCG, W8MBB, W9BS, W9FF, W9TRC, WØJTC, W5SE

Those correct, but without method disclosed were: W2SGI, W2UGF, K4ZT, WB5INV, W61MW, W6KKF, W6LF, W7LBH, W7YU, KL7PI.

Incorrect solutions were: K5AY, W4SZK, W7EA, WØBCT and W4AJR.

Comments by those who participated in the work were uniformly complimentary and requests for additional problems were made by nearly everyone.

Bill said, that as of February 2, '79, he had received 97 answers, 83 had the correct answer and 14 had errors. This made for 85.6% correct, 14.4% wrong.

We certainly wish that present day education was as good as that demonstrated by QCWA members, who haven't been to school in a moon or two!

On May 20, 1979, Bill wrote another note reporting on two more members who had written in. W1AEL and W7IM both supplied the correct answers!

To QCWA Members who wrote comments in connection with the problem...we've read them all. There are too many to publish, but we thank you!

-Bill, W9GWD-

Eric Shalkhauser, W9CI, wrote of a real tragedy...his home was broken into, and all ham-gear as well as a TV set and Lord knows what else was stolen.... this is the second time in the past few years.

Eric included names of prospective members for QCWA, for which we thank him.

## CLEVELAND CHAPTER

The Cleveland Chapter had a very good spring dinner on May 5, 1979. We all got to know each other again. It was interesting to hear what each of the fellows in attendance did for a living, or do for a living. The Chapter is planning a picnic on about July 15, and it is expected that a group picture can be obtained at that time.

The Chapter sends a mailing of over 200 to members in the area. We are fortunate to be able to have much help - printing and mailing are done without cost to the Chapter...it would run close to \$50 if we had to put out the cash.

Remember - on the air schedule is 28.625 MHz, each Wednesday at 8:30PM. W8EFW is NCS.

- George, W8NJF -

## BRAIN TICKLER SOLUTION

As current is the same in all components of a pure resistive series D. C. circuit, then:

$$I = I_1 = I_2 = I_3$$

$$I_1 = E_1/R_1 = E_1/2$$

$$I_2 = P_2/E_2 = 2/E_2, \text{ As } I_1 = I_2, \text{ then:}$$

$$E_1/2 = 2/E_2, \text{ and:}$$

$$E_1 = 4/E_2$$

$$\text{Given: } E_2 - E_1 = 7.5, \text{ then:}$$

$$E_2 = E_1 + 7.5$$

Substituting value of  $E_2$  in Eq. 2 for  $E_2$  in Eq. 1, then:

$$E_1 = 4/E_1 + 7.5$$

$$E_1^2 + 7.5E_1 = 4 \\ E_1^2 + 7.5E_1 - 4 = 0$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad a = 1, b = 7.5, c = -4$$

$$E_1 = \frac{-7.5 \pm \sqrt{7.5^2 - 4 \cdot 1 \cdot -4}}{2 \cdot 1}$$

$$E_1 = \frac{-7.5 \pm \sqrt{56.25 + 16}}{2}$$

$$E_1 = \frac{-7.5 \pm \sqrt{72.25}}{2}$$

$$E_1 = \frac{-7.5 \pm 8.5}{2}$$

$$E_1 = \frac{16}{2} = -8$$

$E_1 \neq -8$ , so:

$$E_1 = \frac{1}{2} = .5 \text{ volt}$$

$$\therefore I = E_1/R_1 = .5/2 = .25 \text{ ampere}$$

$$P_1 = E_1 I_1 = .5 \times .25 = .125 \text{ watt}$$

$$E_2 = E_1 + 7.5 = .5 + 7.5 = 8 \text{ volts}$$

$$I_2 = I = .25 \text{ ampere}$$

$$R_2 = E_2/I_2 = 8/.25 = 32 \text{ ohms}$$

$$I_3 = I = .25 \text{ ampere}$$

$$R_3 = E_3/I_3 = 2/.25 = 8 \text{ ohms}$$

$$P_3 = E_3 I_3 = 2 \times .25 = .5 \text{ watt}$$

$$E_b = E_t = E_1 + E_2 + E_3 = .5 + 8 + 2 = 10.5 \text{ volts}$$

Problem check:

$$P_t = P_1 + P_2 + P_3 = .125 + 2 + .5 = 2.625 \text{ watts}$$

$$P_t = E_t I_t = 10.5 \times .25 = 2.625 \text{ watts}$$

$$P_t = I_t^2 R_t = (.25 \times .25) \times 42 = .0625 \times 42 = 2.625 \text{ watts}$$

**QCWA NEWS**  
JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

QCWA SUPPLIES

The following supplies may be purchased by QCWA Members:

QCWA Lapel Pin, Gold Plated, with call engraved. (Clutch Pin, pin clasp, or screw button types)	\$4.00
QCWA Lapel Pin, 50-year, clutch type only	\$5.00
QCWA Lapel Pin, 60-year, clutch type only	\$5.00
Blazer Emblem, 3 x 4 inch, embroidered	\$3.50
500 Red QCWA stamps, regular membership	\$1.75
500 Gold QCWA stamps, Life membership	\$2.50
240 Yellow, 50 Years in Amateur Radio stamps	\$2.00
QCWA Logo on rubber stamp	\$3.50
QCWA Automobile decal	\$0.50
25 QCWA 2" pin buttons, blue on yellow	\$8.75
QCWA Banners, 30 x 48 inch, Storm King Cotton, (\$80.00 cost shared equally with QCWA Chapters) Chapters attaining 50 or more members may receive a banner at no cost, upon application	\$40.00

ORDER BLANK

QCWA Headquarters  
1409 Cooper Drive  
Irving, TX 75061

Date \_\_\_\_\_

Please send the following QCWA supplies:

\_\_\_\_\_ \$ \_\_\_\_\_  
\_\_\_\_\_ \$ \_\_\_\_\_  
\_\_\_\_\_ \$ \_\_\_\_\_

Send to: \_\_\_\_\_ Name \_\_\_\_\_ Call \_\_\_\_\_ QCWA# \_\_\_\_\_

Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Note that supplies cannot be issued to ineligible members...  
50 year pins can only be issued to members who have been awarded the Golden Certificate, etc.

You know, being an editor is fun, but when you don't know nothin', can't talk or write so's anyone can read it, you bound to make a whale of a lot of mistakes...well, we do...an now, to top it off, we can't see either...everyone has called our attention to the tubes on the last issue of QCWA NEWS cover.. They ain't UX-210...by polishin' our glasses, and hunting up the ole reading glass we can make out a cussed C. That C might stand for 'candy', cooky or crying...but it ain't so...dadburn it...it's Cunningham and ET didn't care a hoot for RCA, so he called the blame toob a CX-310...gotta speak to the printer...gotta fuzz up the pix a bit so you cain't read 'em. -Ed.

John Kessel, W4IL wrote about that UX 210...did'ja have to John!

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No special layouts, all copy is re-typed by Headquarters. Time permitting, proof copies will be mailed before publication. One column inch refers to original copy, which will reduce to three quarters of an inch in the news.

RATES

Column Inches	1 Time	3 Times
1	\$3.00	\$7.50
2	\$5.00	\$12.50
3	\$7.00	\$17.50

Custom designs - you have an unlimited choice. QCWA logo Available. Send #10, 28¢ S A S E for samples, Type style sheets, cut sheet and price list

MARV Mahre, WØMGI, 2095 Prosperity Avenue, St. Paul, MN 55109

SAROC 1980 - January 10 - 13 .. Hotel Tropicana, Las Vegas. Delegates at the 1978 & 1978 should receive a SAROC flyer later in the year. Advance registration \$14.00 per person. Room request reservation card available to SAROC registered delegates.

Wanted, Phillips code book.

SAROC, PO BOX 945, Boulder City, Nevada, 89005

QSL's BY W6BA --- \$15.00 for 1000

Bill Adams features economical, plain QSL Cards...one color. Cards with artwork must be with camera ready copy! Samples available by writing to Bill at

Bill Adams, W6BA  
Star Route 2, Box 241  
29 Palms, Calif. 92277

WANTED: National SW-3 S/W coils to complete old Amateur Station. Have my original Hartley breadboard. Any condition, will rewiring if necessary.

Jim McKenna, VE6HO  
Box 703, Fort Lacleod, Alta.  
Canada TØL ØZØ

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# QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

## QCWA MEMBERSHIP

Applicants for QCWA membership must have held an amateur license at least 25 years ago, and must at the time of applying, hold a valid amateur license. It is not necessary to have been licensed the entire 25 years. Proof of eligibility must be given. Headquarters has a library of callbooks from the old times that can be used in many cases. A request for information will bring a prompt return letter!

An entry fee of \$3 is charged for initial membership, this plus dues in the amount of \$14 for three years are payable in advance with ones application. Life membership may be obtained for \$70, plus the \$3 entry fee. Time payment of life membership fees is available; three payments to be completed in one year, of \$35, 20 and 15 respectively. Upon completion of the payment of the fee, Life Membership Certificate and membership card is sent.

## CERTIFICATES

MEMBERSHIP CERTIFICATES, numbered in serial order, are issued to each member. The numbers are never reissued, except to the same one to whom they were first issued, and then only in the event of lapsed membership. Blue certificates and membership cards going to regular members with Gold Certificates and membership cards being issued to Life Members. In the event a certificate is to be replaced, a charge of \$1.00 is made.

GOLDEN ANNIVERSARY certificates are issued upon application, and proof of eligibility. Those having 50 or more years in Amateur Radio are qualified. Endorsement stickers for each 2-year interval over the basic fifty years are available from Chapter Secretaries.

QCWA CENTURY CLUB CERTIFICATE, is a new Award voted by the Board of Directors in February, 1978. Eligibility is based upon a members age plus his years in QCWA (in good standing) being equal to 100 or more. Proof of eligibility must be established by the applicant. Age by copy of drivers license, etc...Headquarters attests to your eligibility and will issue the Certificate.

50 YEARS CONTINUOUSLY LICENSED CERTIFICATE is issued to QCWA members whose calls appear in callbooks since 1929. There is a charge of \$1 for the Certificate. It must be applied for with proof of eligibility supplied at the time of application.

SINCE SO MANY of we QCWA members worked in commercial radio some time in our lives, it might help to let you know how it has come along in the years behind us:

As of June 25, 1979

### Standard AM Radio

Now operating (25 Educ.)	4523
Licensed stations	4528
CP's (for new stations	124
Applications for new	227

### Standard FM Radio

Now operating (920 Educ)	4043
Licensed stations	4007
CP's (for new, outstanding)	494
Applications for new	687
FM translators operating	251

It might be fun to compare these figures with those on P. 19, of Vol 28, No. 1, QCWA NEWS.

W5EJ

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Had a nice note from Jeffery M. Ruston, an old member of QCWA is now back in the fold. Jeff joined QCWA in about 1967 (#5953) & is very busy travelling about on jobs of heavy construction throughout the country. He received a call WD5BGW, while working down in Houston about 3 years ago, & is now in the 4th area, and trying to get a 4-call. Of interest to many, he is a life-long friend of Gus Gironda, W2JE, who was GM of QCWA for many years... He (Jeff) went to school with Gus long ago! Welcome back to QCWA, Jeff!

60th ANNIVERSARY CERTIFICATE is issued to those QCWA members who have completed 60 years as a licensed Amateur. Proof of such licensing is required. Endorsements may be obtained at 2-year intervals. 1912 is the first year considered as amateur licensed.

ALL OF THE ABOVE LISTED CERTIFICATES ARE ISSUED BY THE HEADQUARTERS OFFICE. APPLICATION BLANKS ARE AVAILABLE FOR THE ASKING. A SELF-ADDRESSED, STAMPED ENVELOPE IS APPRECIATED.

REMEMBER! ALL REQUESTS MUST BE ACCOMPANIED BY DOCUMENTARY PROOF OF ELIGIBILITY! IF YOU ARE NOT CERTAIN OF YOUR STATUS, WRITE FOR ASSISTANCE BEFORE MAKING AN APPLICATION.

## OPERATING AWARD CERTIFICATES

QCWA OPERATING AWARD CERTIFICATES ARE ISSUED TO QCWA MEMBERS BY THE OPERATING ACTIVITIES MANAGER, M. W. McRAE, W9RC. PROOF OF ELIGIBILITY IS REQUIRED.

QCWA WORKED 50 STATES CERTIFICATES are issued to QCWA members who have contacted members in each of the states. Applications must be accompanied by proof.

QCWA WORKED 100 MEMBER CERTIFICATES are issued to QCWA members upon proof of eligibility.

QCWA WORKED 60 CHAPTER CERTIFICATES are issued by the Activities Manager upon proof of eligibility.

QCWA WORKED 500 MEMBER CERTIFICATES are issued by the Operating Activities Manager upon proof of eligibility.

QCWA ANNUAL QSO PARTY. A Plaque is issued on behalf of QCWA to the high scorer in the PARTY. The plaque is inscribed with the winners name and year of competition.

ALL CERTIFICATES ARE NUMBERED SERIALLY, WITH A PERMANENT RECORD KEPT OF THOSE ISSUED.

## EXPLANATIONS

Every possible means is used to validate claims of members for the Awards. It is always desirable for a member to contact headquarters offering evidence to support his claim before making formal application... This will allow us to help, and to avoid disappointment in the event that eligibility is not established



MOHAWK VALLEY CHAPTER

The Mohawk Valley Chapter Spring meeting was held May 12, 1979... 50 members and guests attended a dinner meeting. The program for the evening was a lecture by Dr. Robert Anderson, Associate Professor, Utica College, on the subject "Getting Started on the Family Tree."

The program was greatly enjoyed. Chapter members made out cards to be sent to Headquarters for their license renewal reminder..

Charles, W2GWL

# THERE'S NOTHING ELSE LIKE IT



The world's highest auto suspension bridge spans the Royal Gorge... 1053 feet above the turbulent waters of the Arkansas River at Cañon City, Colorado. *There's nothing else like it!*

There's nothing else like an **ALPHA 77Dx** linear amplifier, either. It's **THE ULTIMATE** in conveniently-packaged high frequency power for industrial, government, and serious amateur radio use.

**ALPHA 77Dx** incorporates extra-heavy-duty components and modern, user-oriented engineering. It carries the industry's only **TWO YEAR WARRANTY** in licensed amateur service. If you'll accept only the finest quality and superlative performance, the **ALPHA 77Dx** "Ultimate Linear" is your clear choice.

Contact your dealer or ETO for detailed information on the entire **ALPHA** line of superb linears.



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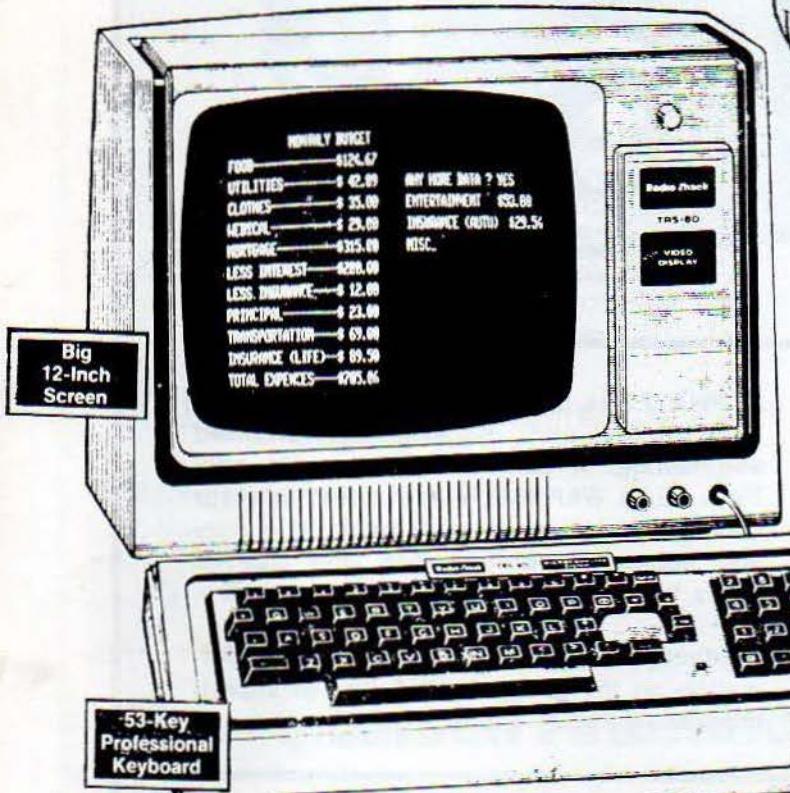
# WHO IS THE WINNER?

WHO KNOWS -- MAYBE IT MIGHT BE YOU! HOW WOULD YOU LIKE TO OWN YOUR VERY OWN MICROCOMPUTER JUST FOR ATTENDING THE 1979 SUPER CONVENTION IN CHICAGO THIS FALL?

The Convention Committee went to considerable expense to provide this ultra up-to-date prize for those who register for the convention at the O'Hare-Kennedy Holiday Inn and attend the closing BRUNCH on SUNDAY September 9, 1979.

Think of the things you can do with TRS-80 Personal Computer! It's the technology that's "taking over" our world and you might as well learn the ins & outs of the machine in order to make it work for you.

The TRS-80 is Not a kit. It has the ability to accept printers, disk drives, telephone interfaces and a wide range of soft ware. It's fully expandable in power and language. It will even play chess with you.



---(Cut here)---

FOR 1979  
HAVE A GREAT  
**CHICAGO** CONVENTION

THE QUARTER CENTURY WIRELESS ASSOCIATION  
September 7, 8 & 9, 1979



"Session will now reconvene to take up the matter of drawing the attendance prize, a complete 4K Level 1 TRS-80 microcomputer, with a 232 page user's Manual. Only those present and listed on the roster sheets will qualify. Gentlemen -- roll the drums!"

**OK Holiday Inn**  
O'Hare/Kennedy Holiday Inn  
5440 North River Road  
Rosemont, IL 60018  
(312) 871-8350 or (800) 323-8664 (toll free)  
Special Room rates \$32/38 per day.  
(Info on hotel reservations, activities, etc. will be sent with confirmation).  
Friday Banquet & Prizes \$20 Ea.  
Saturday Luncheon \$8 Per  
Sunday BRUNCH \$8 Per  
Complete Package 3 Days \$35.00  
MAIL QCWA check to: Phil Haller,  
W9HPG, 6000 S Tripp, Chicago 60629.

NOTICE: The OK Holiday Inn will hold our block of rooms until August 15th. Thereafter you are on your own which may require placement elsewhere. The Ill. W9DXCC meets on Saturday Sep 8. There will be exciting Ladies events Shanghai Lill's, shopping bus tours.

I want:  @ \$35 Combination \$ \_\_\_\_\_  
 @ 20 Banquet \$ \_\_\_\_\_  
 @ \$8 Lunch \$ \_\_\_\_\_  
 @ \$8 BRUNCH \$ \_\_\_\_\_  
I want the Computer! TOTAL \$ \_\_\_\_\_

Registration Data: \_\_\_\_\_ Call \_\_\_\_\_ Street \_\_\_\_\_  
Name. \_\_\_\_\_  
Town \_\_\_\_\_ ZIP \_\_\_\_\_

**CHICAGO**